L Number	Hits	Search Text	DB	Time stamp
1	1454	(extract$5 or pars$4) with table and (generate create define) with database	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:25
2	284	((extract$5 or pars$4) with table and (generate create define) with database) and input with form	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:25
3	630	((extract$5 or pars$4) with table and (generate create define) with database) and database with form	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:26
4	179	(((extract$5 or pars$4) with table and (generate create define) with database) and input with form) and (((extract$5 or pars$4) with table and (generate create define) with database) and database with form)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:26
5	108	((((extract$5 or pars$4) with table and (generate create define) with database) and input with form) and (((extract$5 or pars$4) with table and (generate create define) with database) and database with form)) and (707/$ or 715/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:26
6	98	((((extract$5 or pars$4) with table and (generate create define) with database) and input with form) and (((extract$5 or pars$4) with table and (generate create define) with database) and database with form)) and (707/$.ccls. or 715/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:44
7	195	((web html) and table) with tag and (creat$4 generat$ defin$4) with database	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:48
8	65	((web html) and table) with tag and (creat$4 generat$ defin$4) with database and input with form	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:52
9	1368	715/$ and (generat$4 creat$4 defin$4) with database	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 08:53
10	9	(715/$ and (generat$4 creat$4 defin$4) with database) and (extract parse) with table with tag	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 09:51
11	1	6247018.URPN.	USPAT	2003/05/09 08:55
12	19	("5297249" | "5355472" | "5564046" | "5603025" | "5630117" | "5694594" | "5706434" | "5721903" | "5729730" | "5778390" | "5799268" | "5884310" | "5956709" | "5999933" | "6031989" | "6052693" | "6151599" | "6151609" | "6163779").PN.	USPAT	2003/05/09 08:55
13	43	"Platinum Technology IP".as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 09:52
14	0	"Platinum Technology IP".as. and input with form	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 09:52

15	3	"Platinum Technology IP".as. and input with database	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:01
16	1612	707/102.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:09
17	246	707/102.ccls. and input with form	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:02
18	159	(707/102.ccls. and input with form) and (extract$4 or pars$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:08
19	71	((707/102.ccls. and input with form) and (extract$4 or pars$4)) and (HTML or web or electronic) with (document page)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:14
20	8	707/102.ccls. and 715/506.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:11
21	3	(707/102.ccls. and 715/506.ccls.) and (707/102.ccls. and input with form)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:11
22	11	input with form with database and (((707/102.ccls. and input with form) and (extract$4 or pars$4)) and (HTML or web or electronic) with (document page))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:37
23	24	("5161225" | "5212787" | "5235701" | "5291583" | "5295256" | "5297279" | "5303379" | "5379419" | "5414812" | "5421015" | "5426747" | "5437027" | "5459860" | "5499371" | "5542078" | "5581756" | "5613099" | "5627979" | "5737597" | "5737598" | "5764979" | "5794248" | "5799313" | "5809509").PN.	USPAT	2003/05/09 10:22
24	2	("20010034744").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/09 10:37

```
File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)
        (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200329
        (c) 2003  Thomson Derwent
? ds

Set      Items   Description
S1       10777   (DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT?
                  OR CONSTRUCT? OR BUILD???)(3N)(DATABASE? ? OR DATA()BASE? ?)
S2       10267   FORM(3N)(INPUT? OR ENTER??? OR ENTRY)
S3          53   S1 AND S2
S4         515   (DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT?
                  OR CONSTRUCT? OR BUILD???)(5N)S2
S5          19   S1 AND S4
S6        1114   (INPUT? OR ENTER??? OR ENTRY)()FORM? ?
S7          43   S6(10N)(DATABASE? ? OR DATA()BASE? ?)
S8          40   S7 AND IC=G06F
S9          35   S8 NOT S5
```

5/5/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06890324   **Image available**
AUTOMATIC EDITING DEVICE FOR ELECTRONIC MAIL

PUB. NO.:   2001-117833 [JP 2001117833 A]
PUBLISHED: April 27, 2001 (20010427)
INVENTOR(s): NAGASHIMA HIROYUKI
APPLICANT(s): NEC CORP
APPL. NO.:   11-300418 [JP 99300418]
FILED: October 22, 1999 (19991022)
INTL CLASS: G06F-013/00; G06F-017/21; H04L-012/54; H04L-012/58

                            ABSTRACT
PROBLEM TO BE SOLVED: To provide an automatic editing device for electronic
mail which can efficiently and accurately generates an electronic mail
document for transmission when documents having the same contents or
documents which are different only partially are sent to different
addressees.

SOLUTION: This device is equipped with a database 10 stored with at least
the names and addresses of addressees, properties that the addressees have,
and candidate documents 31 for description, an input means 50 which can
select and input various conditions of at least one of the name and address
of an addressee, properties, documents, and electronic mail document
creating means 21 and 22 which extract a document candidate **inputted
form** the **input** means from the **database** , **creates** an electronic mail
document 35 by applying items corresponding to the inputted various
conditions to specific parts, and adds the mail address corresponding to
the addressee name to the electronic mail document.

5/5/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04174198   **Image available**
CAD LIBRARY GENERATION SYSTEM

PUB. NO.:   05-165898 [JP 5165898 A]
PUBLISHED: July 02, 1993 (19930702)
INVENTOR(s): MINAGAWA EIJI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
              (Japan)
APPL. NO.:   03-329152 [JP 91329152]
FILED: December 12, 1991 (19911212)
INTL CLASS: [5] G06F-015/60
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R060 (MACHINERY -- Automatic Design); R139 (INFORMATION
              PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 1631, Vol. 17, No. 581, Pg. 75,
              October 21, 1993 (19931021)

                            ABSTRACT
PURPOSE: To prevent human error and to make it possible to supply an
accurate CAD library in a short time by preparing information for CAD
library preparation from a parts information data base based on collected

file information.

CONSTITUTION: To enable the data content of various materials and themselves to be processed as CAD data, a data base 10 regarding parts information for data for various materials **inputted** in an interactive form, for instance, is **constructed** by using a **data base** preparation means 11 provided on an exclusive wordprocessor, for instance. A file preparation means 15 prepares a file collecting information to be used for a CAD library preparation from this data base 10. Based on the information of this file, a library preparation means 17 prepares a CAD library 16. Thus, the processing of the data content of various materials itself described on a data book as CAD data becomes possible, for instance, and the CAD library preparation job is automated.

5/5/6   (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03629662
CONTROL SYSTEM FOR ON-LINE PRESENTING DOCUMENT

PUB. NO.:   03-292562 [JP 3292562 A]
PUBLISHED: December 24, 1991 (19911224)
INVENTOR(s):   MATSUMOTO KIYONOBU
                 TAKADA YUKIHIKO
                 YAMAMOTO TADAKATSU
                 KOMURO KEIICHI
                 NOMA SHUNJI
                 WATANABE MASAO
                 NOGUCHI KENJI
                 OKADA HAJIME
                 EHATA HIDEO
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   02-095986 [JP 9095986]
FILED: April 11, 1990 (19900411)
INTL CLASS: [5] G06F-015/21
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);
                 R131 (INFORMATION PROCESSING -- Microcomputers &
                 Microprocessers); R139 (INFORMATION PROCESSING -- Word
                 Processors)
JOURNAL: Section: P, Section No. 1331, Vol. 16, No. 125, Pg. 145,
                 March 30, 1992 (19920330)

ABSTRACT
PURPOSE: To effectively **produce** a patent application **form** by **inputting** the items to be written into the application form to a patent information control data base at reception of the patent application, inputting additionally the items to be written into the application form to the data base after a full statement of application is completed, and making use of those items written into the application form and stored in the **data base** at **production** of the application form.

CONSTITUTION: The items to be written into a patent application form and specified at reception of the patent application are inputted to a patent informa tion control data base. Then the new items to be written are stored in the data base every time they are decided. The items to be subsequently specified include the number of requested items, the presence or absence of a claim for inspection of application, the additional inventor names, etc.

Thus, all items to be written into the application form are stored in the
data base before appli cation. At application those items to be written
into the application form are taken out of the **data base** for
production of an application file needed for the on-line presentation.
Thus, a patent application form is produced with high efficiency.

5/5/10   **(Item 4 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013966892   **Image available**
WPI Acc No: 2001-451106/200148
XRPX Acc No: N01-334003
  Method of facilitating transactions on Internet
Patent Assignee: CONTROL COMMERCE INC (CONT-N)
Inventor: WOLFF E L
Number of Countries: 092 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200101287	A2	20010104	WO 2000US40054	A	20000601	200148	B
AU 200050495	A	20010131	AU 200050495	A	20000601	200148	

Priority Applications (No Type Date): US 99344819 A 19990625
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200101287	A2	E	37	G06F-017/00	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
    CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
    KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO
    RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200050495 A   G06F-017/00   Based on patent WO 200101287

Abstract (Basic): WO 200101287 A2
        NOVELTY - Method consists in **generating** an **input form** when an
    icon is selected, presenting it on the user node display, contacting
    the host node based on the host network address embedded in the icon,
    communicating the requested data to the host node and **creating** a
    database record identifying the transaction with the user and
    including unique sponsor identification indices and data entered into
    the form by the user.
        DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for an
    apparatus for computer network transactions.
        USE - Method is for Internet computer transactions such as purchase
    orders or leads.
        ADVANTAGE - Method causes a dynamic input form associated with an
    icon to be displayed directly on the user node when e.g. a banner is
    selected and enables impulsive actions by the user. It is inexpensive
    and automatically returns the user to the page which was being viewed
    when the banner was selected, and banners can be cascaded.
        DESCRIPTION OF DRAWING(S) - The drawing shows the system hardware
    and software.
        pp; 37 DwgNo 1/8
Title Terms: METHOD; FACILITATE; TRANSACTION
Derwent Class: T01
International Patent Class (Main): G06F-017/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012747842
WPI Acc No: 1999-553959/199947
XRPX Acc No: N99-410146
   Goods information providing system for database marketing - has analysis
   processor which analyzes database and stores results in database **from**
   which rule generator **extracts information to produce business rule to**
   be stored in business database
Patent Assignee: HITACHI LTD (HITA); HATANAKA S (HATA-I); KOJIMA T
   (KOJI-I); OTA Y (OTAY-I); SEKIGUCHI K (SEKI-I); SUDO M (SUDO-I); YASUNOBU
   C (YASU-I)
Inventor: HATANAKA S; KOJIMA T; OTA Y; SEKIGUCHI K; SUDO M; YASUNOBU C
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11232330	A	19990827	JP 9852779	A	19980218	199947	B
EP 939377	A2	19990901	EP 99103055	A	19990216	199947	
US 20020161620	A1	20021031	US 99252003	A	19990218	200274	

Priority Applications (No Type Date): JP 9852779 A 19980218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11232330	A		14	G06F-017/60	
EP 939377	A2	E	30	G06F-017/60	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI
US 20020161620 A1   G06F-017/60

Abstract (Basic): JP 11232330 A
     NOVELTY - A memory (102) stores databases of purchase log (121),
   customer (122), goods (123). An analysis function (111) analyzes
   databases based on input (104) request and stores results in **database**
   (124). A rule **generator0** (112) extracts information from the stored
   database and with rule definition **form** user **input** , **produces**
   business rule which is stored in business database (125). DETAILED
   DESCRIPTION - Rule execution function (113) compares business rule in
   the customer number fed through input with business database and yields
   provisional information to store in log information database (126).
     USE - For use in customer based marketing enterprises.
     ADVANTAGE - A simple technique for analysis of results is provided
   with facility for automatic creation of business rules. Besides
   improving business rules, deviations in rules with respect to customers
   are highlighted. DESCRIPTION OF DRAWING(S) - The figure shows system
   components. (101) Computer; (102) Memory; (104) Input; (111) Analysis
   function; (112) Rule generator; (113) Rule execution function; (121)
   Purchase log database; (122) Customer; (123) Goods; (124) Database;
   (125) Business database; (126) Log information database
Title Terms: GOODS; INFORMATION; SYSTEM; DATABASE; MARKET; ANALYSE;
   PROCESSOR; ANALYSE; DATABASE; STORAGE; RESULT; DATABASE; RULE; GENERATOR;
   EXTRACT; INFORMATION; PRODUCE; BUSINESS; RULE; STORAGE; BUSINESS;
   DATABASE
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012734558   **Image available**
WPI Acc No: 1999-540675/199945
Related WPI Acc No: 1998-209253; 1999-518903; 1999-518906; 1999-518907;
   1999-518909; 1999-518910; 1999-518911; 1999-518912; 1999-518913;
   1999-518914; 1999-518915; 1999-518923; 1999-527666; 1999-527667;
   1999-540663; 1999-540664; 1999-540665; 1999-540666; 1999-540668;
   1999-540674; 1999-550908; 1999-561387; 1999-561409; 1999-561433;
   2000-223377; 2001-146817; 2001-244059; 2001-335292; 2001-601083
XRPX Acc No: N99-400735
   **Searching method for items in database for multi-entry, multi-template
   matching**
Patent Assignee: SUN MICROSYSTEMS INC (SUNM   )
Inventor: ARNOLD K C R C; SCHEIFLER R; WALDO J H; SCHEIFLER R W
Number of Countries: 084 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9944157	A1	19990902	WO 99US4146	A	19990225	199945	B
AU 9928783	A	19990915	AU 9928783	A	19990225	200004	
EP 1057123	A1	20001206	EP 99909614	A	19990225	200064	
			WO 99US4146	A	19990225		
US 6182083	B1	20010130	US 97971529	A	19971117	200108	
			US 9844835	A	19980320		
CN 1298523	A	20010606	CN 99805367	A	19990225	200157	
KR 2001041366	A	20010515	WO 99US4146	A	19990225	200167	
			KR 2000709484	A	20000825		
JP 2002505484	W	20020219	WO 99US4146	A	19990225	200216	
			JP 2000533838	A	19990225		
US 6480863	B1	20021112	US 97971529	A	19971117	200278	
			US 9876048	A	19980226		
			US 9844835	A	19980320		
			US 2000688030	A	20001012		

Priority Applications (No Type Date): US 9844835 A 19980320; US 9876048 P
   19980226; US 97971529 A 19971117; US 2000688030 A 20001012
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9944157   A1 E 62 G06F-017/30
   Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
   CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
   LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
   TJ TM TR TT UA UG UZ VN YU ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
AU 9928783   A   Based on patent WO 9944157
EP 1057123   A1 E   G06F-017/30   Based on patent WO 9944157
   Designated States (Regional): DE FR GB IE NL SE
US 6182083   B1   G06F-017/30   CIP of application US 97971529
                                       CIP of patent US 6032151
CN 1298523   A   G06F-017/30
KR 2001041366 A   G06F-017/30
JP 2002505484 W   68 G06F-017/30   Based on patent WO 9944157
US 6480863   B1   G06F-007/00   CIP of application US 97971529
                                       Provisional application US 9876048
                                       Cont of application US 9844835
                                       CIP of patent US 6032151
                                       Cont of patent US 6182083

Abstract (Basic): WO 9944157 A1

NOVELTY - The method for searching items in a database involves receiving a request including a multi-template comprised of a number of templates, comparing the multi-template to an item in the database to determine whether the item matches the multi-template, and running the item based upon a result of the comparison.

DETAILED DESCRIPTION - One or more entry databases store a number of entries, each of which is of a given type that defines the fields of the entry, and each field contains or identifies an object with associated attributes or data. The type of each entry may further **define** behavior in the **form** of methods the **entry** can implement. Entries may be expressed in the Java (RTM) programming language. INDEPENDENT CLAIMS are included for; a method for notifying the arrival of a specified item in a database; a data processing system for searching items in a **database** ; a computer program **product** storing code for processing data in a database.

USE - Query matching used in database systems.

ADVANTAGE - Provides type-safe attribute matching in database systems, and enforcement of relationship between attributes.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram illustrating several entries each including fields of particular types consistent with the invention.

pp; 62 DwgNo 3/20

Title Terms: SEARCH; METHOD; ITEM; DATABASE; MULTI; ENTER; MULTI; TEMPLATE; MATCH

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/30

International Patent Class (Additional): G06F-009/46; G06F-012/00

File Segment: EPI

5/5/17   (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

011176858   **Image available**

WPI Acc No: 1997-154783/199715

XRPX Acc No: N97-127918

Interactive graphic image construction system - with database of data fields, identification for fields, data and relational database storage

Patent Assignee: IBM CANADA LTD (IBMC)

Inventor: DEVLIN W D; MAU L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2151654	A	19961214	CA 2151654	A	19950613	199715	B

Priority Applications (No Type Date): CA 2151654 A 19950613

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2151654	A		60	G06F-003/14	

Abstract (Basic): CA 2151654 A

The system generates and displays graphical data using a chart (3) as a metaphor of the fetching instructions to refine a **database** query or **define** additional display data. An information **entry** **form** is displayed into which the operator inserts information. The information is stored in a table in relational database storage (5).

A report request form is displayed allowing the operator to select information categories from the data fields for display. Data corresponding to the selected categories is selected from the database storage. A report is displayed in response to a request by the

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05853044   **Image available**
FACSIMILE DATABASE RETRIEVAL DEVICE HAVING DYNAMIC SERVICE CONTROL
PROCEDURE AND DATABASE DEVICE

PUB. NO.:   . 10-136144 [JP 10136144 A]
PUBLISHED: May 22, 1998 (19980522)
INVENTOR(s): HAMANO TERUO
             SONEHARA NOBORU
             SASAKI TSUTOMU
             KAJII TAKESHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
             Company or Corporation), JP (Japan)
APPL. NO.:   08-289676 [JP 96289676]
FILED: October 31, 1996 (19961031)
INTL CLASS: [6] H04N-001/00; G06F-017/30 ; H04N-001/21; H04N-001/32
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.7
             (COMMUNICATION -- Facsimile); 45.4 (INFORMATION PROCESSING --
             Computer Applications)

ABSTRACT
PROBLEM TO BE SOLVED: To realize data base retrieval able to be retrieved
by a facsimile terminal equipment for an existing data storage processor
using objects for computer terminal equipments.

SOLUTION: Dual purpose service control information is described for service
control information of a data storage processor in which a facsimile
database retrieval device extracts secondary service control information
and a computer terminal equipment finds out retrieval **input form**
 description information. The facsimile **database** retrieval device
executes its retrieval according to initial service control information at
first not relating to processing such as revision of a content of the data
storage processor stored in advance for a facsimile equipment. Then the
retrieval device executes service control according to secondary service
control information relating to the revision or the like of the content of
the data storage processor unit, retrieves image information from the data
storage processing and converts the information into facsimile information
and it is sent to the facsimile terminal equipment.

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05690654   **Image available**
DATABASE STRUCTURING DEVICE

PUB. NO.:   09-305454 [JP 9305454 A]
PUBLISHED: November 28, 1997 (19971128)
INVENTOR(s): MATSUDA KATSUSHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP ,
             (Japan)
APPL. NO.:   08-148740 [JP 96148740]
FILED: May 20, 1996 (19960520)
INTL CLASS: [6] G06F-012/00 ; G06F-012/00 ; G06F-017/30
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
             (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

ABSTRACT
PROBLEM TO BE SOLVED: To structure a database without paying attention to
data base definitions and freely design a form as a screen interface for
data registration, etc.

SOLUTION: A user generates a form where components by media data kinds are
freely arranged by using an editor 1011. A type correspondence table 105
contains the data types of the respective components and default data
restrictions. A storage part 107 holds definition information on the
generated form and definition information of the table containing data
types and data restrictions entered into the type correspondence table 105
relating to the respective constituent components of the form. A module 110
issues a command defining the place where the table is stored and the frame
of the table to a data base management system 81 according to the generated
form, thereby generating a **data base** . A module 102 displays an **input
form** matching the definition information on the form stored in the
storage part 107 on the screen of a display device 2 to enable the
registration and acquisition of data.

9/5/11   (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04505947   **Image available**
ORDER RECEIPT DATA INPUT SYSTEM

PUB. NO.:   06-149847 [JP 6149847 A]
PUBLISHED: May 31, 1994 (19940531)
INVENTOR(s):   TANIGUCHI HISAYO
APPLICANT(s):   NEC SOFTWARE LTD [491061] (A Japanese Company or Corporation)
                , JP (Japan)
APPL. NO.:   04-303413 [JP 92303413]
FILED: November 13, 1992 (19921113)
INTL CLASS: [5] **G06F-015/24**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1794, Vol. 18, No. 466, Pg. 3, August
                30, 1994 (19940830)

ABSTRACT
PURPOSE: To simplify the input operation in an order receipt data input
system by supplying the precedent order receipt data on an order receipt
history information **data base** into a vacant column of an order receipt
data **input form** that is visibly shown.
CONSTITUTION: An order reception data producing part 4 produces the order
receipt data in a vacant column of an order receipt data input form that is
visibly shown on a terminal equipment 2 based on the precedent order
receipt data retrieved out of an order receipt history information data
base 3 and the order receipt data supplied from a keyboard. An order
receipt price setting part 5 sets the price data to the order receipt data.
An order receipt history information data base updating part 6 updates the
base 3. Then a control part 7 controls these parts 3-6 respectively

9/5/12   (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04102779   **Image available**
INFORMATION COLLECTION AND STORAGE MANAGEMENT SYSTEM

ABSTRACT

PURPOSE: To extract a key word necessary for registering information in a
data base and to edit information and the key word in a fixed form without
manual intervention.

CONSTITUTION: A dictionary editing part 14 previously registers the key‹
word to be necessary in a dictionary storage part 15. A key word extracting
part 13 extracts the same word as the key word in the dictionary storage
part 15 from information inputted from a terminal device 2, edits
information and the key word in the previously fixed form and stores it in
an **input** **form** data storage part 18. A **data** **base** registering part 19
registers information stored in the **input** **form** data storage part 18 in
the **data** **base** in accordance with the key word.

 9/5/14   **(Item 14 from file: 347)**

03289843   **Image available**
SUBSCRIBER DATABASE REVISION HISTORY CONTROL SYSTEM

ABSTRACT

PURPOSE: To facilitate the revision processing of a subscriber database
without being aware of the structure of the database by integrating a
revision request of the database corresponding to the subscriber inputted
from a subscriber terminal equipment into a revision request form (command
form) inputted from a maintenance terminal equipment.

CONSTITUTION: A subscriber terminal equipment 1 registers abbreviation dial
service being a cause to a subscriber database revision. A main controller
3 controls a sub storage device 5 storing various database and a
maintenance terminal equipment 4 to apply database conversion processing
based on a program. Subscriber database revision request information 7

inputted from a subscriber input terminal equipment controlled by a form conversion control program 8 and converted into the same form as the input terminal equipment input information 9 (command **input form**). The converted subscriber **database** revision request information 7 under the control of the database control program 10 revises the subscriber database 11 corresponding to the subscriber terminal equipment. Moreover, the revision history in this case is reserved and controlled in the revision history management **database** 12 as the command **input form** .

 9/5/22   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014316391   **Image available**
WPI Acc No: 2002-137093/200218
  Managing member registration site according to users and automatic and all comprising registeraion
Patent Assignee: KIM B S (KIMB-I)
Inventor: KIM B S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001083508	A	20010901	KR 20007193	A	20000215	200218	B

Priority Applications (No Type Date): KR 20007193 A 20000215
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001083508	A		1	G06F-017/00	

Abstract (Basic): KR 2001083508 A
      NOVELTY - A managing a member registering site according to users and an automatic and all comprising registraion are provided to prevent an Internet user from inputting one's personal information many times for obtaining information on the Internet or a home shopping.
      DETAILED DESCRIPTION - All sites providing a member registering web page are searched using a web robot, and a **database** is constructed based on member registering **input forms** according to URLs of each site. A service user inputs one's personal information in a member registering form based on a database for an automatic member registering. If the user performs a log-on in a member registering site, a directory list having global all sites related to a member registering is displayed to the user with a search engine. If the user wanted to register to an automatically member site, sites to be registered are searched using a directory list and a search engine and stores the sites in automatically member registering waiting database according to members. At this time, a URL of a site to be registered may be recorded. An automatically member registering is performed in a bundle using the data stored in the automatically member registering waiting database and the web robot.
      pp; 1 DwgNo 1/10
Title Terms: MANAGE; MEMBER; REGISTER; SITE; ACCORD; USER; AUTOMATIC; COMPRISE
Derwent Class: T01
International Patent Class (Main): **G06F-017/00**
File Segment: EPI

 9/5/27   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013840894   **Image available**
WPI Acc No: 2001-325107/200134
XRPX Acc No: N01-234494
   Information processor adds input entry   form **data and its reference information to associated** database
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001101326	A	20010413	JP 99279376	A	19990930	200134	B

Priority Applications (No Type Date): JP 99279376 A 19990930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001101326	A		12	G06F-019/00	

Abstract (Basic): JP 2001101326 A
      NOVELTY - An extraction unit extracts the variable fields based on
   the stored output form data which define the display object of variable
   and other fields. A generation unit generates input form data for data
   entry based on the extraction result. An addition unit adds the **input
   form** data and its reference information to the associated **database**
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (a) Information processing method;
      (b) Printing system
      USE - Information processor e.g. for record book printing system.
      ADVANTAGE - By generating the input form data for data entry, the
   input is simple.
      DESCRIPTION OF DRAWING(S) - The figure shows the profile of e.g. of
   format of the form template data. (Drawing includes non-English
   language text).
      pp; 12 DwgNo 3/14
Title Terms: INFORMATION; PROCESSOR; ADD; INPUT; ENTER; FORM; DATA;
   REFERENCE; INFORMATION; ASSOCIATE; DATABASE
Derwent Class: T01; T04
International Patent Class (Main): **G06F-019/00**
International Patent Class (Additional): **G06F-003/12**
File Segment: EPI

 9/5/31   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013396457   **Image available**
WPI Acc No: 2000-568395/200053
XRPX Acc No: N00-419927
   **Information input terminal for database system, has form production
   information file which records table name of** database **corresponding to**
   input   form **name and item name corresponding to** input   form **name**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000222260	A	20000811	JP 9923871	A	19990201	200053	B

Priority Applications (No Type Date): JP 9923871 A 19990201

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2000222260 A   5 G06F-012/00

Abstract (Basic): JP 2000222260 A
        NOVELTY - A form production information file (11) records the table
    name of a **database** corresponding to an **input   form** name, the item
    name corresponding to the input form name and the input form name to be
    stored. The data input, which are based on the **input   form** , are
    stored on a table in the **database** based on the table name currently
    recorded by the form production information file.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
    the information input procedure.
        USE - For database system.
        ADVANTAGE - Reduces modification of input item and table name to be
    stored. Improves reliability of data input by reducing operator's input
    error since common input form can be used in all information input
    terminals.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    the information input terminal.
        Form production information file (11)
        pp; 5 DwgNo 1/4
Title Terms: INFORMATION; INPUT; TERMINAL; DATABASE; SYSTEM; FORM; PRODUCE;
   INFORMATION; FILE; RECORD; TABLE; NAME; DATABASE; CORRESPOND; INPUT; FORM
   ; NAME; ITEM; NAME; CORRESPOND; INPUT; FORM; NAME
Derwent Class: T01
International Patent Class (Main): **G06F-012/00**
International Patent Class (Additional): **G06F-003/14** ;   **G06F-017/30**
File Segment: EPI

 9/5/35   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

007653378   **Image available**
WPI Acc No: 1988-287310/198841
XRPX Acc No: N88-218013
   **Outline-driven data-base editing and retrieval system - uses
   outliner-style text editor permitting automatic generation of data entry
   forms for creation of records**
Patent Assignee: CROWNINSHIELD SOFTW (CROW-N)
Inventor: BARROW M D; DAVIS M L; ROSE D
Number of Countries: 015 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 286110	A	19881012	EP 88105604	A	19880408	198841	B
AU 8814384	A	19881013				198849	
US 4939689	A	19900703	US 8737384	A	19870409	199029	
EP 286110	A3	19920610	EP 88105604	A	19880408	199332	

Priority Applications (No Type Date): US 8737384 A 19870409
Cited Patents: No-SR.Pub; 4.Jnl.Ref; GB 2043311
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 286110   A E 373
    Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

Abstract (Basic): EP 286110 A
        Data retrieval is driven through the manipulation of the outline to

allow simple and complex queries without utilising a database programming language. A specialised global field is utilised in which identical field names may be repetitively inserted into several databases. In the data entry mode, a global value can be set and that value is automatically inserted into each database record containing that global field as they are created so that relations are made automatically within the various databases.

In the data retrieval mode, the global field can be used to control the display of the outline to truncate the outline to only those categories and fields containing data for a specific global field value, to display only relevant outline portions. A field mapper allows the operator to see the changes in the outline and direct old fields to new names or positions and indicate new fields which are to be inserted into the existing records, all prior to execution of the changed outline in terms of data entry.

ADVANTAGE - Data entry and editing simplified and errors minimised because changes in outline are automatically reflected in data **entry forms** . Outline itself defines **data - base** structure. Latter can be changed without losing data.

1/13

Title Terms: OUTLINE; DRIVE; DATA; BASE; EDIT; RETRIEVAL; SYSTEM; STYLE; TEXT; EDIT; PERMIT; AUTOMATIC; GENERATE; DATA; ENTER; FORM; CREATION; RECORD

Derwent Class: T01

International Patent Class (Additional): **G06F-003/00** ; **G06F-009/44** ; **G06F-015/40**

File Segment: EPI

operator. It depicts the relationship of the data in the selected
categories. The report is a graphical image with parts corresponding to
the selected data. If the operator requests further detail, a report
refinement menu is displayed with selectable categories. The operator
selection is detected and further data is selected from the
corresponding field of the table in the database storage. The data is
displayed in a second report which is a graphical image.
    USE/ADVANTAGE - For relational database systems, object oriented
databases. Software does not require any information on user's data
before data is inserted, data does not have to be customised for user's
information.
    Dwg.1/9
Title Terms: INTERACT; GRAPHIC; IMAGE; CONSTRUCTION; SYSTEM; DATABASE; DATA
  ; FIELD; IDENTIFY; FIELD; DATA; RELATED; DATABASE; STORAGE
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

 5/5/18   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010733809   **Image available**
WPI Acc No: 1996-230764/199623
    Database   entry   form   generating **system - uses scanner to scan
  existing data entry form, and form definition procedures which respond to
  user commands to display scanned data entry form**
Patent Assignee: KORTEAM INT INC (KORT-N); HO J C (HOJC-I)
Inventor: HO J C
Number of Countries: 021 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9613009	A1	19960502	WO 95US13673	A	19951024	199623	B
AU 9641339	A	19960515	AU 9641339	A	19951024	199634	
US 5619708	A	19970408	US 94328362	A	19941025	199720	
EP 799454	A1	19971008	EP 95939572	A	19951024	199745	
			WO 95US13673	A	19951024		
AU 685337	B	19980115	AU 9641339	A	19951024	199809	
JP 10507857	W	19980728	WO 95US13673	A	19951024	199840	
			JP 96514106	A	19951024		

Priority Applications (No Type Date): US 94328362 A 19941025
Cited Patents: 02Jnl.Ref; US 5060980; US 5181162; US 5208907; US 5231670;
  US 5235654; US 5237628; US 5319745; US 5414809
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9613009	A1	E	40	G06F-017/30	

    Designated States (National): AU CA DE GB JP
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
    PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9641339	A			G06F-017/30	Based on patent WO 9613009
US 5619708	A		20	G06F-015/00	
EP 799454	A1	E		G06F-017/30	Based on patent WO 9613009

    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
    NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 685337	B			G06F-017/30	Previous Publ. patent AU 9641339
					Based on patent WO 9613009
JP 10507857	W		46	G06F-019/00	Based on patent WO 9613009

Abstract (Basic): WO 9613009 A

The system (100) for generating voice activated computer data entry forms includes a scanner (108) for scanning an existing data **entry form** (120), and **generating** a digitised representation of the form. A voice dictionary and voice syntax files (158) represent voice recognition information. A set of form definition procedures include an imaging procedure for displaying the scanned data entry form on the display (110), and a region definition procedure for enabling a user to indicate regions of the displayed data entry form.

Object definition procedures enable a user to define multiple objects, and to specify properties of defined objects. Object properties include database links, exclusion relationships and voice commands. The scanned form may be colour coded to indicate different objects which are automatically decoded to generate object properties.

USE/ADVANTAGE – **Generating** computerised **database** data input forms from printed data forms, and customising database data input for users. Reduces amount of work associated with **defining** computer based data **entry form** .

Dwg.1/11

Title Terms: DATABASE; ENTER; FORM; GENERATE; SYSTEM; SCAN; SCAN; EXIST; DATA; ENTER; FORM; FORM; DEFINE; PROCEDURE; RESPOND; USER; COMMAND; DISPLAY; SCAN; DATA; ENTER; FORM

Derwent Class: T01

International Patent Class (Main): G06F-015/00; G06F-017/30; G06F-019/00

International Patent Class (Additional): G06T-007/00; H04N-001/387;

```
File 348:EUROPEAN PATENTS 1978-2003/Apr W04
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030501,UT=20030424
        (c) 2003 WIPO/Univentio
? ds

Set      Items   Description
S1       16716   (DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT?
              OR CONSTRUCT? OR BUILD???)(3N)(DATABASE? ? OR DATA()BASE? ?)
S2       15900   FORM(3N)(INPUT? OR ENTER??? OR ENTRY)
S3         106   S1(S)S2 AND IC=G06F
S4         994   (DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT?
              OR CONSTRUCT? OR BUILD???)(5N)S2
S5          36   S1(S)S4 AND IC=G06F
S6        1350   (INPUT? OR ENTRY)()FORM? ?
S7          89   S6(10N)(DATABASE? ? OR DATA()BASE? ?)
S8          74   S7 AND IC=G06F
S9          66   S8 NOT S5
```

01181948
An intelligent intermediate state of an object-oriented database
Ein intelligenter Zwischenstatus einer objekt-orientierten Datenbank
Etat intermediaire et intelligent d'une base de donnees orientees objet
PATENT ASSIGNEE:
  SUN MICROSYSTEMS, INC., (1392733), 901 San Antonio Road, Palo Alto,
    California 94303, (US), (Applicant designated States: all)
INVENTOR:
  Saulpaugh, Thomas E., 6938 Bret Harte Drive, San Jose, California 95120,
    (US)
  Slaughter, Gregory L., 3326 Emerson Street, Palo Alto, California 94306,
    (US)
  Traversat, Bernard A., 2055 California Street, Apt. 402, San Francisco,
    California 94109, (US)
LEGAL REPRESENTATIVE:
  Harris, Ian Richard (72231), D. Young & Co., 21 New Fetter Lane, London
    EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1030252 A1 000823 (Basic)
APPLICATION (CC, No, Date):   EP 301154 000215;
PRIORITY (CC, No, Date): US 253868 990219
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/30**

ABSTRACT EP 1030252 A1
    A method and system for providing an intelligent intermediate form of
an object-oriented database. The intermediate form is derived from a
grammatical form of an object-oriented database through the process of
compilation. The grammatical form is a persistent form of an
object-oriented database expressed in a human-readable and human-editable
textual form according to a grammar. The intermediate form comprises an
array of intelligent entry objects which encapsulate data with methods
for manipulating that data. The methods include **creating** a **database**
entry, **creating** a property associated with an entry, creating an
attribute associated with an entry or property, querying the last entry,
property, or attribute **created** , and finalizing **entry** storage. The
intermediate **form** lacks the infrastructure of the database, but the
intermediate form can be used to populate the object-oriented database
with entries. The object-oriented database is an object-oriented
configuration database which stores configuration parameters pertaining
to the software and hardware of a computer system, such as application
programs, device drivers, system services, and other components. The
object-oriented database is platform-independent and is therefore
configured to be hosted on several different operating systems and
computing platforms.
ABSTRACT WORD COUNT: 186
NOTE:
  Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 000823 A1 Published application with search report
 Examination: 010404 A1 Date of request for examination: 20010207
 Assignee: 030423 A1 Transfer of rights to new applicant: Sun
                            Microsystems, Inc. (2616592) 4150 Network
                            Circle Santa Clara, California 95054 US
LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A   (English)   200034   850
      SPEC A   (English)   200034   10772
Total word count - document A   11622
Total word count - document B   0
Total word count - documents A + B   11622

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...ABSTRACT to a grammar. The intermediate form comprises an array of
   intelligent entry objects which encapsulate data with methods for
   manipulating that data. The methods include **creating** a **database**
   entry, **creating** a property associated with an entry, creating an
   attribute associated with an entry or property, querying the last entry,
   property, or attribute **created** , and finalizing **entry** storage. The
   intermediate **form** lacks the infrastructure of the database, but the
   intermediate form can be used to populate the object-oriented database
   with entries. The object-oriented database...

 5/5,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00289208
Outline-driven database editing and retrieval system.
Datenbasis-Generator und -Abfragesystem durch einen ein Inhaltsverzeichnis
      enthaltenden Editor.
Systeme de generation et d'interrogation de base de donnees par editeur
      utilisant une table des matieres.
PATENT ASSIGNEE:
  CROWNINSHIELD SOFTWARE, (962870), 98 Crowninshield Road, Brookline, Mass
      02146, (US), (applicant designated states:
      AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  Davis, Mary Lynn, 98 Crowninshield Road, Brookline, Mass 02146, (US)
  Rose, David, 98 Crowninshield Road, Brookline, Mass 02146, (US)
  Barrow, Michael D., 16 Durham Street, Somerville, Mass., (US)
LEGAL REPRESENTATIVE:
  Kraus, Walter, Dr. et al (7061), Patentanwalte Kraus, Weisert & Partner
      Thomas-Wimmer-Ring 15, D-8000 Munchen 22, (DE)
PATENT (CC, No, Kind, Date): EP 286110   A2   881012 (Basic)
                              EP 286110   A3   920610
APPLICATION (CC, No, Date):   EP 88105604 880408;
PRIORITY (CC, No, Date): US 37384 870409
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-009/44 ; G06F-015/40**
CITED PATENTS (EP A): GB 2043311 A
CITED REFERENCES (EP A):
  BYTE. vol. 6, no. 11, 1981, ST PETERBOROUGH US pages 18 - 34; E.E. BRENT:
      'Writing with a Data-Base Management System'
  ACM TRANSACTIONS ON OFFICE INFORMATION SYSTEMS vol. 1, no. 2, April 1983,
      pages 142 - 158; M. STONEBRAKER ET. AL.: 'Document Processing in a
      Relational Database System'
  BYTE. vol. 10, no. 7, 1985, ST PETERBOROUGH US pages 279 - 284; W.
      HERSHEY: 'MaxThink'
  BUSINESS SYSTEMS AND EQUIPMENT September 1986, page 69; J. LETTICE: 'A
      Processor for your thoughts';

ABSTRACT EP 286110 A2
    A relational database (159) is created and queried through the use of
an outliner-style text editor (141) which permits automatic generation
(161) of data entry forms (151) for the creation of records (149b). Data
entry (157) and editing are simplified and errors are minimized because
changes (142) in the outline (141) are automatically reflected in the
data entry forms (151) and thus the automatically updated records (149b).
Data retrieval is driven through the manipulation (142) of the outline
(141) to allow simple and complex queries without utilizing a database
programming language. The query mode features a continually displayed
outline (440) in an Outline Window (437). Criteria are specified in a
Criteria Window (430) in which one or more fields are assigned specific
search values. Records matching the criteria are displayed in a Response
Window (438). For an outline-wide word occurrence search, areas of the
outline which include an occurrence of the word are highlighted.   (see
image in original document)
ABSTRACT WORD COUNT: 163

...SPECIFICATION prone.
    In contradistinction, Figure 3a illustrates how an outliner 32 is
utilized by the subject system to automatically generate data entry forms
34. A data **entry   form** is **defined** as a format by which one can
systematically enter records into database files. The data entry forms
are used in the creation of one or...

...database. Each form is utilized to define one category in the
illustrated embodiment. The automatic outline-to-forms generations
process is activated by selecting the " **DATABASE / GENERATE** " menu option
in one embodiment of the system. How this is accomplished will be
discussed in connection with Figures 3b-3e.
    Referring to Figure 3b...updating discussion concerning the field
mapper which follow.
    To illustrate how this accomplished, Figure 3c is a flow diagram of the
automatic outline to data **entry   form   generation** inspection system
which is invoked by " **DATABASE / GENERATION** " and " **DATABASE** /RECORD
ENTRY" in the illustrated embodiment of the Subject System. The output of
this portion of the system is a list of tasks required to **create** or
update the **database** files necessary for data entry. Each database
definition, consisting of a name of the database and the field names, is
displayed through the use of...

...the system checks to determine if this will constitute a new category definition at 158, i.e., did this database category exist in a prior **database generation** . If yes, a "generate new category task" is generated at 160. If the system determines at 156 that a node is not the start of...

 5/5,K/21   (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00783206   **Image available**
METHOD FOR COMMUNICATING INFORMATION AMONG A GROUP OF PARTICIPANTS
PROCEDE DE COMMUNICATION D'INFORMATIONS AU SEIN D'UN GROUPE DE PARTICIPANTS
Patent Applicant/Assignee:
  ZAPLET INC, Suite 201, 3000 Bridge Parkway, Redwood City, CA 94065, US,
    US (Residence), US (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  HANSON Michael, 973 Oak Lane, Menlo Park, CA 94025, US, US (Residence),
    US (Nationality), (Designated only for: US)
  MILLER Graham, 1342 Green Street, #6, San Francisco, CA 94109, US, US
    (Residence), US (Nationality), (Designated only for: US)
  AXE Brian, 2110 Jackson Street, #201, San Francisco, CA 94115, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  VYAS Shekhar (agent), Fish & Richardson P.C., Suite 500, 4350 La Jolla
    Village Drive, San Diego, CA 92122, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200116736 A1 20010308 (WO 0116736)
  Application: WO 2000US40742 20000824   (PCT/WO US0040742)
  Priority Application: US 99151476 19990830; US 99151650 19990831; US
    99427152 19991025
Parent Application/Grant:
  Related by Continuation to: US 99427152 19991025 (CON); US 99151650
    19990831 (CON); US 99151476 19990830 (CON)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-009/46**
International Patent Class: **G06F-015/163**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 10327

English Abstract
  A method is described that can be used to communicate information among a
  group of participants. A participant may create an electronic form
  specifying a list of network addresses corresponding to other
  participants intended to receive the communication. A server receives the
  form and delivers a message (302) associated with an electronic medium
  (304). When the participant opens the message, the electronic medium is
  produced by the server and includes static (312) and dynamic (310)

content. The participant can add content to the dynamic content. The dynamic content may be asynchronously dynamically updated in the server to indicate a then current content of the electronic medium, and can be accessed by other participants in the group.

French Abstract
Cette invention concerne un procede de communication d'informations au sein d'un groupe de participants. L'un de des participants peut creer un formulaire electronique qui precise une liste d'adresses de reseau correspondant aux autres participants du groupe. Un serveur recoit le formulaire et envoie un message associe (302) a un support electronique (304). Lorsque le participant prend connaissance du message, le serveur produit un support electronique avec contenu statique (312) et dynamique (310). Le participant peut completer le contenu dynamique. D'autres participants peuvent acceder a ce contenu dynamique, lequel peut faire l'objet d'une mise a jour dynamique de facon asynchrone rendant compte du contenu actuel du support electronique.

Detailed Description
...   write Static-Form-Content(ZAPLET-TYPE, ZAPLET-STYLE) to
  ELECTRONIC-FORM
  open stream CLIENT for writing
  write ELECTRONIC-FORM to CLIENT
  2 Receive Electronic (Authoring) **Form   Input** and Send Mail
  get   **CREATING** -PARTICIPANT-NAME, CREATING-PARTICIPANT-EMAIL,
  SUBJECT,
  ZAPLET-TYPE,
  ZAPLET-STYLE, ZAPLET-SPECIFIC
  DATA, RECIPIENTS from request
  set MESSAGE-ID = create-unique - id(
  open file MESSAGE for writing
  create (Message-Record(MESSAGE-ID, CREATING-PARTICIPANT-NAME,
  CREATING-PARTICIPANT-EMAIL,
  SUBJECT, ZAPLET-TYPE, ZAPLET-STYLE, ZAPLET-SPECIFIC-DATA,
  RECIPIENTS)) in
   database
  write MESSAGE-ID, **CREATING** -PARTICIPANT-NAME,
  CREATING-PARTICIPANT - EMAIL,
  SUBJECT, ZAPLET-TYPE, ZAPLET-STYLE, ZAPLET-SPECIFIC-DATA,
  RECIPIENTS to
  MESSAGE
  if (User-Record(CREATING-PARTICIPANT-EMAIL) not-exists-in **database**) I
   create UserI Record(CREATING-PARTICIPANT-EMAIL,

```
CREATING -PARTICIPANT-NAME)
in database
I
foreach (USER-EMAIL in RECIPIENTS){
26
if (User-Record(USER-EMAIL) not-exists-in database ) f
 create  User-Record(USER-EMAIL) in database
foreach (QUESTION in request)
set QUESTION-ID = create-unique
id(
get QUESTION-CONTENT from request
write QUESTIONIID, QUESTION-CONTENT...
```

```
...Response Form Input
get MESSAGE
ID, QUESTIONJD@ RESPONDER-NAME,RESPONDER-EMAIL,
COMMENT,
QUESTION -SPECIFIC-INFO from request
if (User-Record(RESPONDER-EMAIL) not-exists-in database ) I
 create  User-Record(RESPONDER-EMAIL, RESPONDER-NAME) in database
1
if (Allowed-To-Respond(RESPONDER-EMAIL, QUESTION)1
create-or-update Response-Record(MESSAGE-ID, QUESTION...
```

```
...Message
get MESSAGE-ID, NEW-RECIPIENT-EMAILS from request
28
foreach (USER-EMAIL in NEW -RECIPIENT-EMAILS){
if (User-Record(USER-EMAIL) not-exists -in database ){
 create  User-Record(USER-EMAIL) in database
get MESSAGE by MESSAGE -ID from database
set Recipients(MESSAGE) = Recipients(MESSAGE)+NEW-RECIPIENT-EMAILS
update Message -Record(MESSAGE...
```

 5/5,K/30   (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00512805   **Image available**
METHOD AND SYSTEM FOR MULTI-ENTRY AND MULTI-TEMPLATE MATCHING IN A DATABASE
PROCEDE ET SYSTEME DE MISE EN CORRESPONDANCE MULTIRUBRIQUE ET MULTIGABARIT
    DANS UNE BASE DE DONNEES
Patent Applicant/Assignee:
  SUN MICROSYSTEMS INC,
Inventor(s):
  SCHEIFLER Robert,
  ARNOLD Kenneth C R C,
  WALDO James H,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9944157 A1 19990902
  Application: WO 99US4146 19990225 (PCT/WO US9904146)
  Priority Application: US 9876048 19980226; US 9844835 19980320
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
  UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
  AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
  GA GN GW ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**

Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13471

English Abstract
   A database system wherein one or more entry databases store a plurality
   of entries. Each entry is of a given type that defines the fields of the
   entry. Each field contains or identifies an object with associated
   attributes or data. The type of each entry may further define behavior in
   the form of methods the entry can implement. An entry type which is a
   subtype of another inherits all fields and behavior of its super-type,
   and contains additional fields and/or defines new/modified behavior.
   Entries may be expressed in a JavaTM programming language. The database
   system may further employ a search engine which allows queries to be made
   upon entries in the database. In one implementation, the queries include
   a read operation, a take operation, and a notify operation. Each query
   request includes a command indicating the type of operation, and a
   template which is an entry object having some or all of its fields set to
   specific values that must be matched exactly. Other fields of the
   template entry may be specified as wildcards, whose values do not matter.
   The search engine may further be configured to create an index for
   catching entries having characteristics which are commonly specified by
   queries. In one implementation, the databases may also store sets of
   entries which are matched using sets of templates.

French Abstract
   La presente invention concerne un systeme de base de donnees dans lequel
   une ou plusieurs bases de donnees memorisent plusieurs rubriques. Chaque
   rubrique appartient a un type donne definissant les champs de cette
   rubrique. Chaque champ contient ou identifie un objet auquel sont
   associes des attributs ou des donnees. Le type de chaque rubrique peut
   egalement definir un comportement sous la forme de procedes que la
   rubrique peut mettre en oeuvre. Un type de rubrique qui est le sous-type
   d'une autre rubrique herite de tous les champs et comportements de son
   super-type, et contient des champs supplementaires, et/ou definit un
   comportement nouveau/modifie. Ces rubriques peuvent s'exprimer dans un
   langage de programmation JavaTM. Par ailleurs, le systeme de base de
   donnees peut utiliser un moteur de recherche qui permet d'adresser des
   requetes a des rubriques de la base de donnees. Dans une des
   realisations, ses requetes comprennent une operation de lecture, une
   operation de prise en charge et une operation de notification. Chaque
   requete de consultation comprend une commande indiquant le type
   d'operation, et un gabarit qui est un objet rubrique dont certains ou la
   totalite des champs sont definis selon certaines valeurs specifiques
   auxquelles il faut correspondre. D'autres champs de la rubrique gabarit
   peuvent etre specifies sous la forme de jokers dont les valeurs n'ont pas
   d'importance. Le moteur de recherche peut etre configure de facon a creer
   un index de gestion antememoire des rubriques presentant des
   caracteristiques specifiees en commun par les requetes. Dans une autre
   realisation, ces bases de donnees peuvent egalement contenir des
   ensembles de rubriques qui sont mis en correspondance en utilisant des
   ensembles de gabarits.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... fields of the entry. Each of the fields contains or identifies an

object with associated attributes or data. The type of each entry may
further **define** behavior in the **form** of methods the **entry** is
configured to implement. An entry type which is a subtype of another
inherits all of the fields and behavior of its supertype, and contains...
...modified behavior. Entries may be expressed in a JavaTM class of the
JavaTM programming language. Similarly, in one implementation, each field
is expressed in a **defined** class.

.The **database** system may further employ a search engine which allows
queries to be made upon entries in the database. In one implementation,
the queries include a...

 5/5,K/31   (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00512804   **Image available**
METHOD AND SYSTEM FOR IN-PLACE MODIFICATIONS IN A DATABASE
PROCEDE ET SYSTEME SERVANT A EFFECTUER DES MODIFICATIONS EN PLACE DANS UNE
    BASE DE DONNEES
Patent Applicant/Assignee:
  SUN MICROSYSTEMS INC,
Inventor(s):
  SCHEIFLER Robert,
  ARNOLD Kenneth C R C,
  WALDO James H,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9944156 A1 19990902
  Application: WO 99US4071 19990225   (PCT/WO US9904071)
  Priority Application: US 9876048 19980226; US 9844839 19980320
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
  UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
  AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
  GA GN GW ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 14249

English Abstract
  A database system wherein one or more entry databases store a plurality
of entries. Each entry is of a given type that defines the fields of the
entry. Each field contains or identifies an object with associated
attributes or data. The type of each entry may further define behavior in
the form of methods the entry can implement. An entry type which is a
subtype of another inherits all fields and behavior of its super-type,
and contains additional fields and/or defines new/modified behavior.
Entries may be expressed in a JavaTM programming language. The database
system may further employ a search engine which allows queries to be made
upon entries in the database. In one implementation, the queries include
a read operation, a take operation, and a notify operation. Each query
request includes a command indicating the type of operation, and a
template which is an entry object having some or all of its fields set to
specific values that must be matched exactly. Other fields of the
template entry may be specified as wildcards, whose values do not matter.
The search engine may further be configured to create an index for

caching entries having characteristics which are commonly specified by queries. In one implementation, the databases may also store sets of entries which are matched using sets of templates. In another implementation, the search engine can further implement operations for modifying an entry or set of entries in place in the database without removing it from the database.

French Abstract
L'invention concerne un systeme de bases de donnees dans lequel une ou plusieurs bases de donnees d'entree stockent plusieurs entrees. Chaque entree est d'un type donne qui definit les champs de cette entree. Chaque champ contient ou identifie un objet comportant des attributs ou des donnees associes. Le type de chaque entree peut en outre definir un comportement sous la forme de procedes que l'entree peut mettre en application. Un type d'entree qui constitue un sous-type d'un autre type herite de tous les champs et du comportement de ce super-type, et contient des champs supplementaires et/ou definit un comportement nouveau et/ou modifie. Les entrees peuvent etre exprimees dans un langage de programmation JavaTM. Le systeme de bases de donnees peut en outre employer un moteur de recherche qui permet d'effectuer des requetes sur les entrees de la base de donnees. Dans un mode de realisation, les requetes comportent une operation de lecture, une operation de prise en charge et une operation de notification. Chaque demande de requete comporte une commande indiquant le type d'operation, et un modele qui constitue un objet d'entree dont certains ou tous les champs presentent des valeurs specifiques definies qui doivent correspondre exactement. D'autres champs de l'entree de modele peuvent etre specifies comme caracteres de substitution, les valeurs de ceux-ci etant sans importance. Le moteur de recherche peut en outre etre configure pour produire un index servant a cacher des entrees qui presentent des caracteristiques souvent specifiees par des requetes. Dans un mode de realisation, les bases de donnees peuvent egalement stocker des ensembles d'entrees qui sont mis en correspondance au moyen d'ensembles de modeles. Dans un autre mode de realisation, le moteur de recherche peut en outre permettre d'effectuer des operations visant a modifier une entree ou un ensemble d'entrees en place dans la base de donnees, sans extraire celle(s)-ci de la base de donnees.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... fields of the entry. Each of the fields contains or identifies an object with associated attributes or data. The type of each entry may further **define** behavior in the **form** of methods the **entry** is configured to implement. An entry type which is a subtype of another inherits all of the fields and behavior of its supertype, and contains...

...modified behavior. Entries may be expressed in a JavaTM class of the JavaTm programming language. Similarly, in one implementation, each field is expressed in a **defined** class.

The **database** system may further employ a search engine which allows queries to be made upon entries in the database. In one implementation, the queries include a...
?

01453612
Medical product document production
Dokumenterzeugung fur medizinische Produkte
Production de document pour un produit medicinal
PATENT ASSIGNEE:
  Michael Umen & Company, Inc., (2232280), 352 North Easton Road, Glenside,
    PA 19038, (US), (Applicant designated States: all)
INVENTOR:
  Umen, Michael J., 352 Nort Easton Road, Glenside, PA 19038, (US)
  Nomides, Kathy, 960 Carmelot Road, Furlong, PA 18925, (US)
  Wilson, Phillip C., 756 Camp Woods Road, Villanova, PA 19085, (US)
  Martin, Erik A., 522 Newall Drive , Huntingdon Valley, PA 19006, (US)
LEGAL REPRESENTATIVE:
  Newby, Martin John (46111), JY & GW Johnson, Kingsbourne House, 229-231
    High Holborn, London WC1V 7DP, (GB)
PATENT (CC, No, Kind, Date): EP 1244024 A2 020925 (Basic)
APPLICATION (CC, No, Date):   EP 2002010041 960417;
PRIORITY (CC, No, Date): US 430519 950427
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
  MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 832462 (EP 96912822)
INTERNATIONAL PATENT CLASS: **G06F-017/24 ;   G06F-019/00**

ABSTRACT EP 1244024 A2
    A method of producing a document for regulatory approval of a medical
  product, comprising entering data objects pertaining to a study of the
  medical product into a database, providing a document format defining
  delimited data fields for insertion of data objects, providing a user
  interface for selection of the data objects to be included in the
  document, extracting data objects pertaining to the study from the
  database, using the extracted data objects as defined by the document
  format to generate the document compatible with a document publishing
  system, and publishing the generated document. The invention also relates
  to an apparatus for computer-aided composition and generation of a
  medical product document.
ABSTRACT WORD COUNT: 111
NOTE:
  Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 020925 A2 Published application without search report
 Change: 021218 A2 Inventor information changed: 20021030
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   200239   614
      SPEC A   (English)   200239   8527
Total word count - document A   9141
Total word count - document B   0
Total word count - documents A + B   9141

INTERNATIONAL PATENT CLASS: **G06F-017/24 ...**

... G06F-019/00

...SPECIFICATION details pertaining to the results of a clinical study and

for allowing the user to enter values for the results details into the
clinical study **database** 24. As shown in FIG. 6, the Results Details
Entry   form 60 provides data entry fields 60a,b for entering the
Duration of Treatment and the Dose, Age Range, Age Mean, Male/Female
percentage, and Racial...

9/5,K/8   (Item 8 from file: 348)

01294091
Method for visually filtering a database
Methode zur visuellen Filterung einer Datenbank
Methode de filtrage visuelle d'une base de donnees
PATENT ASSIGNEE:
   SUN MICROSYSTEMS, INC., (1392733), 901 San Antonio Road, Palo Alto,
      California 94303, (US), (Applicant designated States: all)
INVENTOR:
   grobler, Dirk, Wasbekerstrasse 183, 24537 Neumunster, (DE)
LEGAL REPRESENTATIVE:
   Betten & Resch (101031), Postfach 10 02 51, 80076 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1109116 A1 010620 (Basic)
APPLICATION (CC, No, Date):   EP 99124940 991214;
DESIGNATED STATES: DE; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/30**

ABSTRACT EP 1109116 A1
   The invention relates to a method for enabling a user to define the
   filter conditions for accessing a **database** based on an **input   form**
   (500), said form containing fields where a user can set the filter
   conditions for one or more fields of the datasets stored in said
   database, said method comprising: providing an information signal
   representing said form (500) for inputting said filter conditions by the
   user; and generating an information signal for displaying the so defined
   filter conditions in a tree view (600, 700).
ABSTRACT WORD COUNT: 87
NOTE:
   Figure number on first page: 7

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 010620 A1 Published application with search report
 Examination: 020213 A1 Date of request for examination: 20011212
 Examination: 020925 A1 Date of dispatch of the first examination
                             report: 20020807
 Assignee: 021016 A1 Transfer of rights to new applicant: Sun
                             Microsystems, Inc. (2616592) 4150 Network
                             Circle Santa Clara, California 95054 US
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   200125   1135
     SPEC A   (English)   200125   2757
Total word count - document A   3892
Total word count - document B   0
Total word count - documents A + B   3892

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...ABSTRACT A1
   The invention relates to a method for enabling a user to define the
filter conditions for accessing a **database** based on an **input   form**
(500), said form containing fields where a user can set the filter
conditions for one or more fields of the datasets stored in said database
...

...SPECIFICATION can be searched or queried either by a query language,
such as the structured query language SQL, but it is also known to query
a **database** based on **input   forms** where filter conditions can be set
for the individual fields of the datasets contained in the database.
   The user interface for handling such form-based...

...of a database.
   Fig. 3 illustrates a flowchart according to a preferred embodiment of
the present invention.
   Fig. 4 illustrates a table stored in a **database** .
   Fig. 5 shows an **input   form** according to a preferred embodiment of
the present invention.
   Fig. 6 shows a filter conditions tree view according to a preferred
embodiment of the present...

...CLAIMS A1
   1. A method for enabling a user to define the filter conditions for
      accessing a **database** based on an **input   form** (500), said form
      containing fields where a user can set the filter conditions for one
      or more fields of the datasets stored in said database...

...it being available to the user at later stages.
   11. A software tool for enabling a user to define the filter conditions
      for accessing a **database** based on an **input   form** (500), said
      form containing fields where a user can set the filter conditions for
      one or more fields of the datasets stored in said database...

...user at later stages.
   21. A computer program product comprising computer program code for
      enabling a user to define the filter conditions for accessing a
      database based on an **input   form** (500), said form containing
      fields where a user can set the filter conditions for one or more
      fields of the datasets stored in said database...modify the defined
      filter conditions.
   24. A computer program comprising computer program code for enabling a
      user to define the filter conditions for accessing a **database** based
      on an **input   form** (500), said form containing fields where a user
      can set the filter conditions for one or more fields of the datasets
      stored in said database...

...tree view (600, 700).
   25. A computer programmed for carrying out a method for enabling a user
      to define the filter conditions for accessing a **database** based on
      an **input   form** (500), said form containing fields where a user can
      set the filter conditions for one or more fields of the datasets
      stored in said database...

DRUG DOCUMENT PRODUCTION SYSTEM
SYSTEM ZUR ERZEUGUNG EINES MEDIKAMENTEN-BEIPACKZETTELS
SYSTEME DE PRODUCTION DE DOCUMENT RELATIF A UN MEDICAMENT
PATENT ASSIGNEE:
  Michael Umen & Company, Inc., (2232280), 352 North Easton Road, Glenside,
    PA 19038, (US), (Proprietor designated states: all)
INVENTOR:
  UMEN, Michael, J., 544 Custis Road, Glenside, PA 19038, (US)
  NOMIDES, Kathy, 739 Allentown Road, Sellersville, PA 18960, (US)
  WILSON, Phillip, C., 345 South 5th Street, Philadelphia, PA 19106, (US)
  MARTIN, Erik, A., 522 Newell Drive, Huntingdon Valley, PA 19006, (US)
LEGAL REPRESENTATIVE:
  Newby, Martin John (46111), JY & GW Johnson, Kingsbourne House, 229-231
    High Holborn, London WC1V 7DP, (GB)
PATENT (CC, No, Kind, Date):   EP 832462   A1   980401 (Basic)
                               EP 832462   A1   990331
                               EP 832462   B1   020828
                               WO 96034348   961031
APPLICATION (CC, No, Date):   EP 96912822 960417;   WO 96US5279   960417
PRIORITY (CC, No, Date): US 430519 950427
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
  MC; NL; PT; SE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
    (EP 2002010041)
INTERNATIONAL PATENT CLASS: **G06F-017/22** ;   **G06F-017/30** ;   **G06F-017/27**
CITED PATENTS (EP B): US 4992939 A; US 5148366 A; US 5267155 A; US 5272623
  A; US 5369763 A
CITED REFERENCES (EP B):
  PC SOURCES, Volume 2, No. 10, issued October 1991, B. BRENESAL, "Q&A 4.0:
    the Tradition Continues", pp. 361.
  EXE, Volume 4, No. 4, issued September 1989, N. HAMPSHIRE, "dbPublisher",
    pages 24-28.
  SEYBOLD REPORT ON PUBLISHING SYSTEMS, Volume 23, No. 7, 1 December 1993,
    M. WALTER, "Documentum: Open Approach to Automating Workflow and
    Management of Long Documents", pages 3-14.
  PC WEEK, Volume 5, No. 41, J. PALLATTO, "Software Design Tool Gets New
    Module", 10 October 1988, page 24.;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Examination: 010314 A1 Date of dispatch of the first examination
                             report: 20010129
 Application: 970205 A International application (Art. 158(1))
 Grant: 020828 B1 Granted patent
 Change: 020703 A1 Application number of divisional application
                             (Article 76) changed: 20020510
 Application: 980401 A1 Published application (A1with Search Report
                             ;A2without Search Report)
 Examination: 980401 A1 Date of filing of request for examination:
                             971020
 Search Report: 990331 A1 Drawing up of a supplementary European search
                             report: 990217
 Change: 990407 A1 Obligatory supplementary classification
                             (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS B (English) 200235   1036
      CLAIMS B (German)   200235   932
      CLAIMS B (French)   200235   1177
      SPEC B   (English) 200235   8275

Total word count - document A   0
Total word count - document B   11420
Total word count - documents A + B   11420
INTERNATIONAL PATENT CLASS: **G06F-017/22** ...

... **G06F-017/30** ...

... **G06F-017/27**

...SPECIFICATION details pertaining to the results of a clinical study and
for allowing the user to enter values for the results details into the
clinical study **database** 24. As shown in FIG. 6, the Results Details
Entry   form 60 provides data entry fields 60a,b for entering the
Duration of Treatment and the Dose, Age Range, Age Mean, Male/Female
percentage, and Racial...

 9/5,K/12   (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00774076
SYSTEM AND METHOD FOR GENERATING DATABASE   INPUT   FORMS
SYSTEM UND VERFAHREN ZUM ERSTELLEN VON EINGABEFORMULAREN FUR DATENBANKEN
SYSTEME ET PROCEDE DE GENERATION DE GRILLES DE SAISIE
PATENT ASSIGNEE:
  KorTeam International Inc., (2317490), 777 Palomar Avenue, Sunnyvale, CA
     94086, (US), (applicant designated states:
     AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  HO, Janet Chung-Kong, 622 Los Pinos Avenue, Milpitas, CA 95035, (US)
LEGAL REPRESENTATIVE:
  Cross, Rupert Edward Blount et al (42891), BOULT WADE TENNANT, 27
     Furnival Street, London EC4A 1PQ, (GB)
PATENT (CC, No, Kind, Date):   EP 799454 A1 971008 (Basic)
                               WO 9613009   960502
APPLICATION (CC, No, Date):   EP 95939572 951024; WO 95US13673 951024
PRIORITY (CC, No, Date): US 328362 941025
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: **G06F-017/30**
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Search Report: 011121 A1 Date of drawing up and dispatch of
                             supplementary:search report 20011009
 Application: 960731 A International application (Art. 158(1))
 Examination: 021113 A1 Date of dispatch of the first examination
                             report: 20021001
 Change: 011121 A1 International Patent Classification changed:
                             20011003
 Change: 011121 A1 International Patent Classification changed:
                             20011003
 Application: 971008 A1 Published application (A1with Search Report
                             ;A2without Search Report)
 Examination: 971008 A1 Date of filing of request for examination:
                             970418
LANGUAGE (Publication,Procedural,Application): English; English; English

SYSTEM AND METHOD FOR GENERATING DATABASE   INPUT   FORMS

INTERNATIONAL PATENT CLASS: **G06F-017/30**

9/5,K/15   (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00387633
Forms manager
Formularverwalter
Gerant de formulaires
PATENT ASSIGNEE:
  EMTEK HEALTH CARE SYSTEMS INC., (1222580), 2929 South Fair Lane, Tempe,
    Arizona 85282, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Shelton, Richard Edward, 2710 W Obispo Circle, Mesa, Arizona 85202, (US)
  Norden-Paul, Ronald Evan, 1050 S Longmore No. 319, Mesa, Arizona 85202,
    (US)
  Thurman, Audree Anne, 2222 W Kristal Way, Phoenix, Arizona 85027, (US)
  Person, Stanley Carl, 1242 E Gary Circle, Mesa, Arizona 85203, (US)
LEGAL REPRESENTATIVE:
  Hudson, Peter David (52403), Motorola, European Intellectual Property,
    Midpoint, Alencon Link, Basingstoke, Hampshire RG21 1PL, (GB)
PATENT (CC, No, Kind, Date):   EP 392155 A2 901017 (Basic)
                               EP 392155 A3 930317
                               EP 392155 B1 970709
APPLICATION (CC, No, Date):   EP 90102702 900212;
PRIORITY (CC, No, Date): US 322740 890313
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-017/30**
CITED REFERENCES (EP A):
  IBM SYSTEMS JOURNAL. vol. 27, no. 3, 1988, ARMONK, NEW YORK US pages 281
    - 300 , XP000112069 R.E.BERRY 'Common User Access - A consistent and
    usable human-computer interface for the SAA environment'
  AT & T TECHNICAL JOURNAL vol. 64, no. 9, November 1985, NEW YORK US pages
    2009 - 2023 R.M.PRICHARD JR. 'FE - A Multi-Interface Form System'
  CONFERENCE PROCEEDINGS OF THE 1986 FIFTH ANNUAL INTERNATIONAL PHOENIX
    CONFERENCE ON COMPUTERS AND COMMUNICATIONS, 28 March 1986, SCOTTSDALE,
    ARIZONA USA pages 708 - 712 M. BUTTERWORTH 'FORMS DEFINITION METHODS';

ABSTRACT EP 392155 A2
    Input to the system is buffered by the forms manager (11) to determine
    access to the tile/cell (53-62) and to check entered data. The tile/cell
    (53-62) will retain various information such as data entered, user, time,
    changes, etc. To display a form, the forms manager (11) obtains a list of
    objects (81, 82) to be displayed. This list of objects is then edited
    (89) to remove objects which are not utilized and to place the remaining
    objects in a prioritized order (90-92). The forms manager then generates
    the display (85-88). (see image in original document)
ABSTRACT WORD COUNT: 97

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 901017 A2 Published application (A1with Search Report
                            ;A2without Search Report)
 Search Report: 930317 A3 Separate publication of the European or
                            International search report
 Change: 930915 A2 Representative (change)
 Examination: 931020 A2 Date of filing of request for examination:
                            930826
 Examination: 950809 A2 Date of despatch of first examination report:
                            950623

Grant: 970709 B1 Granted patent
Oppn None: 980701 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) EPABF1   583
      CLAIMS B (English) EPAB97   289
      CLAIMS B (German)   EPAB97   280
      CLAIMS B (French)   EPAB97   329
      SPEC A   (English) EPABF1   3986
      SPEC B   (English) EPAB97   4101
Total word count - document A   4569
Total word count - document B   4999
Total word count - documents A + B   9568

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...SPECIFICATION forms manager then retrieves the tiles associated with the
   objects from database 15. The data to be placed in the tiles is then
   obtained from **database** 16. Using these **inputs** , **forms** manager 11
   develops a form which is displayed on display 13.
      The input operation of the present invention is illustrated in FIGS. 2A
   and 2B...

...SPECIFICATION forms manager then retrieves the tiles associated with the
   objects from database 15. The data to be placed in the tiles is then
   obtained from **database** 16. Using these **inputs** , **forms** manager 11
   develops a form which is displayed on display 13.
      The input operation of the present invention is illustrated in FIGS. 2A
   and 2B...

 9/5,K/33   (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00847407
SYSTEM AND METHOD FOR PROVIDING DISTRIBUTED DATABASE SERVICES
SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES SERVICES DE BASE DE DONNEES
     REPARTIS
Patent Applicant/Assignee:
  CIRCADENCE CORPORATION, Suite 101, 4888 Pearl East Circle, Boulder, CO
     80301, US, US (Residence), US (Nationality)
Inventor(s):
  VANGE Mark, 2800 1 Adelaide Street East, Toronto, Ontario M5C 2V9, CA,
  CLEMENTONI Marco, 2800-1 Adelaide Street East, Toronto, Ontario M5C 2V9,
     CA,
Legal Representative:
  BURTON Carol W (et al) (agent), Hogan & Hartson LLP, Suite 1500, 1200
     17th Street, Denver, CO 80202, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200180064 A2-A3 20011025 (WO 0180064)
  Application: WO 2001US12383 20010416 (PCT/WO US0112383)
  Priority Application: US 2000197490 20000417
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
  KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
  SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 10521

English Abstract
  A database system operating over a communication network. A plurality of
  client applications coupled to the network generate database access
  requests. An intermediary server coupled to the network receives the
  requests. A data storage mechanism coupled to the network has an
  interface for communicating with the intermediary servers. The
  intermediary server is responsive to a received database access request
  to establishing a channel with the data storage mechanism to obtain data
  from the data storage mechanism in response to a received client request.
  The intermediary server is further operable to format the obtained data
  in a manner suitable for use by one of the client applications that
  requested the associated database access.

French Abstract
  L'invention concerne un systeme de base de donnees fonctionnant par
  l'intermediaire d'un reseau de communication. Une pluralite
  d'applications clients reliees audit reseau generent des demandes d'acces
  a la base de donnees. Un serveur intermediaire connecte au reseau recoit
  lesdites demandes. Un dispositif de stockage de donnees, relie au reseau,
  possede une interface de communication avec les serveurs intermediaires.
  Ledit serveur intermediaire reagit a la reception d'une demande d'acces a
  la base de donnees, visant a etablir une voie d'acces au dispositif de
  stockage de donnees, dans le but d'obtenir des donnees a partir dudit
  dispositif de stockage de donnees en reponse a une demande client recue.
  Ledit serveur intermediaire peut, en outre, etre utilise pour formater
  les donnees obtenues, de maniere appropriee, afin qu'elles puissent etre
  utilisees par une des applications ayant effectue la demande d'acces a la
  base de donnees reliee.

Legal Status (Type, Date, Text)
Publication   20011025 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20020523 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20030417 Late publication of international search report
Republication 20030417 A3 With international search report.

Main International Patent Class: **G06F-017/30**
Fulltext. Availability:
  Detailed Description

Detailed Description
...   Intemet
  infrastructure difficult.

  Current methods of database access involve configuring an
  lo intermediate front-end server, such as a web-server, to interface with
  the
  database system. A web designer creates an **input   form** on a browser
  interface comprising one or more HTML input controls. The HTML is
  converted to XIVIL in most cases due to the increased functionality...

00844340   **Image available**
WORKFLOW MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE DE GESTION DES FLUX DE TRAVAUX
Patent Applicant/Assignee:
  THE CHASE MANHATTAN BANK, 270 Park Avenue, 41st Floor, New York, NY 10017
  , US, US (Residence), US (Nationality)
Inventor(s):
  MACKAY Thomas, 126 Park Lane, Massapequa, NY 11758, US,
  MCCARTHY Eileen, 269 Murray Avenue, Larchmont, NY 10538, US,
  RESCHKE Eric, 652 Broadway, Apt. 8F, New York, NY 10011, US,
Legal Representative:
  WEISBURD Steven I (et al) (agent), Ostrolenk, Faber, Gerb & Soffen, LLP,
  1180 Avenue of the Americas, New York, NY 10036, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200177955 A1 20011018 (WO 0177955)
  Application: WO 2001US11140 20010406 (PCT/WO US0111140)
  Priority Application: US 2000196003 20000407; US 2000631810 20000803; US
    2000712521 20001114
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 20356

English Abstract
  A computerized workflow management method and system (Fig.4) to provide
  operational support for complex multi-step processes, having particular
  utility in supporting operations involving securitization for which
  periodic valuation and distribution computations, disbursements and
  reporting must be set up and executed. The invention permits unification
  of manual operations and operations performed by legacy software, even if
  implemented with database structures different from the workflow
  management system, automated quality control, workflow status display and
  automatic updating of workflow status records. The method of workflow
  management involves creating client side (232), server side (230),
  comprising Workflow Database (244), Command Processor (240), ASAP
  Database (250), World Wide Web (WWW) Server (252) and Network Interface
  (236b).

French Abstract
  L'invention se rapporte a un procede et a un systeme de gestion des flux
  de travaux informatises (Fig.4) permettant de fournir un support
  operationnel a des processus complexes comportant de multiples etapes,
  et s'averant particulierement utiles dans les operations d'appui
  impliquant une titrisation pour laquelle une evaluation periodique, des
  calculs de repartition, des decaissements et des rapports doivent etre

etablis et executes. L'invention permet une unification des operations
manuelles et des operations executees par des logiciels patrimoniaux,
meme si elles sont realisees avec des structures de base de donnees
differentes du systeme de gestion des flux de travaux, du controle de
qualite automatise, de l'affichage de l'etat des flux de travaux et de la
mise a jour automatique des registres d'etat des flux de travaux. La
methode de gestion des flux de travaux implique la creation d'un cote
client (232), d'un cote serveur (230), comprenant une base de donnees des
flux de travaux (244), un processeur de commande (240), une base de
donnee ASAP (250), un serveur du World Wide Web (WWW) (252) et une
interface de reseau (236b).

Legal Status (Type, Date, Text)
Publication   20011018 A1 With international search report.
Examination   20020404 Request for preliminary examination prior to end of
                       19th month from priority date

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... to steps 270 and 272 shown in FIG. 5A.

  Staff Information Se"U
  FIG. 7A illustrates Staff/Contact Details Screen 600. This is the data
  entry   form for a Master Contacts Table in Workflow **Database** 244.
  Here, information is recorded about individuals having responsibility for
  or other involvement in a particular deal. This is accessed by selecting
  the Staff/Contact...

  9/5,K/38   (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00824184   **Image available**
SYSTEM AND METHOD FOR DATABASE SEARCHING
SYSTEME ET PROCEDE DE RECHERCHE DANS UNE BASE DE DONNEES
Patent Applicant/Assignee:
  NAVIGATEONE LIMITED, 9th floor, St Alphage House, 2 Fore Street, London
    EC2Y 5DA, GB, GB (Residence), GB (Nationality), (For all designated
    states except: US)
Patent Applicant/Inventor:
  PARRATT Richard David, Garden Cottage, Bramshott Chase, Hindhead, Surrey
    GU26 6DG, GB, GB (Residence), GB (Nationality), (Designated only for:
    US)
Legal Representative:
  VLECK Jan Montagu (agent), Reddie & Grose, 16 Theobalds Road, London WC1X
    8PL, GB,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200157725 A2-A3 20010809 (WO 0157725)
  Application: WO 2001GB446 20010202 (PCT/WO GB0100446)
  Priority Application: US 2000179934 20000203
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8601

English Abstract
  A system for searching a distributed collection of databases (4, 5)
  comprising a number of databases connected to each other by a   '
  communications network system including: query entry means (7, 8) for
  entering a request for information on a subject, object or matter, or a
  group of subjects, objects or matters, a first memory (2, 6, 12) storing
  index entries, each index entry including a portion representing a
  subject, or a group of subjects, objects or matter, object or matter on
  which information might be sought and one or more locations entries
  indicating which of the databases may contain information in the
  respective subject, object or matter or group of subjects, objects or
  matters, and a second memory (3, 6) storing database interrogation
  modules, routines or sub-routines for converting a request for
  information received by the data entry means into a set of appropriate
  instructions for each of the databases.

French Abstract
  L'invention concerne un systeme permettant d'effectuer des recherches
  dans un ensemble reparti de bases de donnees (4, 5), consistant en une
  multitude de bases de donnees reliees les unes aux autres par un systeme
  reseau de communication. Ce systeme comprend: des moyens de saisie
  d'interrogation (7, 8) permettant d'entrer une demande d'informations sur
  un sujet, un objet ou une question, ou sur un ensemble de sujets,
  d'objets ou de questions; une premiere memoire (2, 6, 12) qui stocke des
  entrees d'index; chaque entree d'index contient, d'une part, une portion
  representant un sujet ou un ensemble de sujets, d'objets ou de questions,
  d'objets ou de questions a propos desquels des informations peuvent etre
  recherchees et, d'autre part, une ou plusieurs entrees de localisation
  indiquant celle des bases de donnees susceptible de contenir lesdites
  informations; et une seconde memoire (3, 6) qui stocke les modules
  d'interrogation des bases de donnees; des routines ou sous-routines
  permettant de convertir une demande d'informations recue par le moyen de
  saisie d'interrogation en un ensemble d'instructions appropriees pour
  chacune des bases de donnees.

Legal Status (Type, Date, Text)
Publication   20010809 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20011213 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20020613 Late publication of international search report
Republication 20020613 A3 With international search report.
Republication 20020613 A3 Before the expiration of the time limit for
                         amending the claims and to be republished in the
                         event of the receipt of amendments.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... capable of efficiently locating any row based on the values in its

columns.
Information on the set of objects can be manually entered into the
database by a data input operator (7) using an **input form** (8). This
will require the operator to enter all the information (name, symbol,
alternative codes) for each object.

Alternatively all or part of the directory...

9/5,K/41   (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00801759   **Image available**
**A METHOD AND APPARATUS FOR SEARCHING A DATABASE FOR INFORMATION INCLUDING
    PROMOTIONAL INFORMATION**
**PROCEDE ET APPAREIL PERMETTANT DE RECHERCHER DANS UNE BASE DE DONNEES DES
    INFORMATIONS COMPRENANT DES INFORMATIONS PUBLICITAIRES**
Patent Applicant/Assignee:
  INTERCONTINENTAL TRAVEL SERVICES INC, 5503 Green Valley Drive, Suite 200,
    Bloomington, MN 55437, US, US (Residence), US (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  WELCH Kenneth W Jr, 6502 Regency Lane, Eden Praire, MN 55344, US, US
    (Residence), US (Nationality), (Designated only for: US)
  DONCHEZ Jeffrey T, 5812 Katrine Court, Charlotte, NC 28208, US, US
    (Residence), US (Nationality), (Designated only for: US)
  GAITANARIS Christos, 1780 Bloor Street East, Mississagua, Ontario L4X 1T1
    , CA, CA (Residence), CA (Nationality), (Designated only for: US)
  JONES-ZIAMA Madea, 5420 Venado Street, Charlotte, NC 28215, US, US
    (Residence), LR (Nationality), (Designated only for: US)
  PASKEL Arnold S III, 3209 C Heathstead Place, Charlotte, NC 28220, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  HAMRICK Claude A S (et al) (agent), Oppenheimer Wolff & Donnelly LLP,
    1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200135280 A1 20010517 (WO 0135280)
  Application: WO 2000US31010 20001109 (PCT/WO US0031010)
  Priority Application: US 99438889 19991112
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 14502
English Abstract
  A system and method uses a computer system to search a database for
  vendor promotional information. In one type of search, a category, region
  and a vendor code based on the vendor's name is submitted to a computer
  processing system coupled to a database which stores the vendor
  promotional information. In this type of search, the computer processing

system returns a set of vendor promotional information and if a vendor's
promotional information is present in the database and matches the search
input, the vendor's promotional information is included in the set of
promotional information retrieved. In another type of search, an
identification number is submitted to the computer processing system and
the system returns a set of vendor promotional information which includes
a vendor's promotional information if the vendor's promotional
information is present in the database. In the latter case, the set
includes other vendor information matching the category or region of the
identified vendor. Vendor promotional information includes graphical
billboard objects which promote the vendor's product or service.

French Abstract
   On decrit un systeme et un procede dans lesquels on utilise un systeme
   informatique pour consulter une base de donnees en vue de trouver des
   informations publicitaires de fournisseurs. Dans un type de recherche,
   une categorie, une region et un code fournisseur base sur le nom du
   fournisseur est soumis a un systeme de traitement informatique couple a
   une base de donnees qui conserve en memoire les informations
   publicitaires de fournisseurs. Dans ce type de recherche, le systeme de
   traitement informatique renvoie un ensemble d'informations publicitaires
   de fournisseurs et si des informations publicitaires de fournisseurs sont
   presentes dans la base de donnees et correspondent a l'entree de la
   recherche, les informations publicitaires de fournisseurs sont inclues
   dans l'ensemble d'informations publicitaires de fournisseurs recupere.
   Dans un autre type de recherche, un numero d'identification est soumis au
   systeme de traitement informatique et le systeme renvoie un ensemble
   d'informations publicitaires de fournisseurs qui contient les
   informations publicitaires de fournisseurs si les informations
   publicitaires de fournisseurs sont presentes dans la base de donnees.
   Dans ce dernier cas, l'ensemble comprend d'autres informations
   publicitaires de fournisseurs qui correspondent a la categorie ou a la
   region du fournisseur identifie. Les informations publicitaires de
   fournisseurs comprennent des objets de panneaux d'affichage graphiques
   qui font la reclame du produit ou du service propose par le fournisseur.

Legal Status (Type, Date, Text)
Publication   20010517 A1 With international search report.
Publication   20010517 A1 Before the expiration of the time limit for
                        amending the claims and to be republished in the
                        event of the receipt of amendments.
Claim Mod   20010907 Later publication of amended claims under Article 19
                        received: 20010508
Republication 20010907 A1 With international search report.
Republication 20010907 A1 With amended claims.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Claims

Claim
... comprising:
  30
  a database for storing a vendor's category, region, vendor promotional
  inforination, and
  an identification number for the vendor promotional infori-nation;
  an **input**   **form**   for collecting query data;
  a **database** management program for performing a search on the **database**
  using the query
  data collected on the **input**   **form** ;
  an output document for reporting the results of the query, the search

results including a set of promotional information matching the query
data collected from...

9/5,K/44   (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00780538
**A CONTENT . MANAGEMENT COMPUTER SYSTEM FOR MANAGING PUBLISHING CONTENT
   OBJECTS**
**SYSTEME INFORMATIQUE DE GESTION DE CONTENUS DESTINE A LA GESTION D'OBJETS A
   CONTENU D'EDITION**
Patent Applicant/Assignee:
  CCI EUROPE A S, Aarhuus Stiftsbogtrykkerie, Aktieselskab, Oster Parkvej
    9-13, DK-8270 Hojbjerg, DK, DK (Residence), DK (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  BRANDENBORG Thomas, P. P. Orums Gade 28, DK-8000 Arhus C, DK, DK
    (Residence), DK (Nationality), (Designated only for: US)
Legal Representative:
  PLOUGMANN VINGTOFT & PARTNERS A S, Sankt Annae Plads 11, DK-1250
    Copenhagen K, DK
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200113287 A1 20010222 (WO 0113287)
  Application: WO 2000DK315 20000613   (PCT/WO DK0000315)
  Priority Application: DK 99827 19990611
Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY
  CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility
  model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH
  GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK
  (utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/60
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 23057

English Abstract
  A content management system for news publishers providing a comprehensive
  "content focused" news publishing solution is disclosed. The system is
  capable of integrating publishing contents management tasks such as
  planning, creating, budgeting, organising, retrieving, storing,
  searching, tracking and distributing contents through diverse news media
  such as newspapers, magazines and electronic news media. The budgeting of
  content for publishing is a dynamic budgeting which enables a subset of
  the content objects on a given layout budget to be selected for
  publishing automatically according to a given set of conditions.

French Abstract
  L'invention porte sur un systeme de gestion de contenus destine a de
  nouveaux editeurs et apportant une solution complete d'edition
  d'informations orientee sur les contenus. Ce systeme permet d'integrer
  des taches de gestion de contenus d'edition tels que des contenus de

planification, creation, budgetisation, organisation, recuperation, mise
en memoire, recherche, suivi et distribution par l'intermediaire de
supports d'informations (journaux, periodiques et supports
electroniques). La budgetisation du contenu d'edition est une
budgetisation dynamique qui permet de selectionner un sous-ensemble
d'objets de contenu sur un projet de budgetisation donne en vue d'une
edition automatique conformement a un ensemble donne de conditions.

Detailed Description
... fields can be edited directly in the form, but needless to say, others
  are "display only" and can only be edited by actions or implicit
  database commands.

  Different **entry**   **forms** for different content types and states
  It is possible to design different forms for different types of content
  and for different states 35 of a...

 9/5,K/47   (Item 30 from file: 349)

00767662   **Image available**
INTELLIGENT FORMS FOR IMPROVED AUTOMATED WORKFLOW PROCESSING
FORMULAIRES INTELLIGENTS POUR UN MEILLEUR DEROULEMENT DES OPERATIONS

Patent Applicant/Assignee:
  BIZTRO INC, 2500 Augustine Drive, Suite 100, Santa Clara, CA 95054, US,
    US (Residence), US (Nationality)
Inventor(s):
  D'SOUZA Roy Peter, 657 Spruce Drive, Sunnyvale, CA 94086, US,
  MANNING William Laurence, 836 Pine Hill Road, Stanford, CA 94305, US,
Legal Representative:
  IVEY James D (agent), Law Offices of James D. Ivey, 3025 Totterdell
    Street, Oakland, CA 94611-1742, US,

Fulltext Word Count: 6466

English Abstract
  Fields of smart forms include default logic and verification logic to
  simplify filling in of the smart form by an employee and reduce the
  likelihood that errors in data entry occur. In particular, the default
  logic determines a default value for a field in the form according to one
  or more data items in a comprehensive company database. Verification
  logic verifies that the employee has entered valid form data in a
  particular field. The verification logic can include references to data
  items stored in the comprehensive company database such that data entered
  by the employee can be verified with respect to data already stored in
  the database. Data entered by the employee is stored in the database and
  can be used by default logic and/or verification logic in subsequently
  used smart forms.

French Abstract
  L'invention porte sur des cases de formulaires intelligents comprenant
  une logique des defauts et une logique de verification de sorte qu'un
  employe puisse remplir facilement ce formulaire intelligent et que les
  risques d'erreurs d'entrees de donnees soient reduits. La logique des
  defauts determine notamment une valeur de defaut pour une case du
  formulaire conformement a un ou plusieurs articles de donnees d'une base
  de donnees complete d'une compagnie. La logique de verification verifie
  que l'employe a introduit des donnees correctes dans une case specifique.
  Cette logique de verification peut comprendre des references aux articles
  de donnees stockees dans la base de donnees complete de la compagnie de
  sorte que les donnees introduites par l'employe puissent etre verifiees
  par rapport aux donnees deja stockees dans la base. Les donnees
  introduites par l'employe sont stockees dans la base de donnees et
  peuvent etre utilisees par la logique des defauts et/ou la logique de
  verification pour des formulaires intelligents utilises ulterieurement.

Claim
... associated with the user within the database.

  4 The method of Claim 2 further comprising:
  receiving data entered by the user in completing the data- **entry   form** ;
  and storing the data entered by the user in the **database** .
  5 The method of Claim 1 ftirther comprising:
  for each of the one or more fields,
  determining default data values for the field according to...

...associated with the user within the database.

7 The method of Claim 5 further comprising:
receiving data entered by the user in completing the data- **entry** **form** ;
and storing the data entered by the user in the **database** .

8 A computer readable medium useful in association with a computer which
includes a processor and a memory, the computer readable medium including
computer instructions...

...fin-ther configured to cause the computer to build a data-entry form by:
- 19 receiving data entered by the user in completing the data- **entry**
form ; and storing the data entered by the user in the **database** .

12 ...instructions are further configured to cause the computer to build
a data-entry form by: receiving data entered by the user in completing
the data- **entry** **form** ; and storing the data entered by the user in the
database .
15 A computer system comprising:
 processor;
 memory operatively coupled to the processor; and
 forin building module (i) which executes in the processor from the
memory...

...module is
 ftirther configured to cause the computer to build a data-entry form by:
 receiving data entered by the user in completing the data- **entry** **form** ;
 and storing the data entered by the user in the **database** .

19 The computer system of Claim 15 wherein the form building module is
ftirther configured to cause the computer to build a data-entry form
further configured to cause the computer to build a data-entry form by:
receiving data entered by the user in completing the data- **entry** **form** ;
and storing the data entered by the user in the **database** .

 9/5,K/57   **(Item 40 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00452717   **Image available**
FORM DATA ENTRY WITH MATCHING OF THE FIELD TYPE
MASQUE DE SAISIE ASSOCIANT DES DONNEES A UN TYPE DE CHAMP CORRESPONDANT
Patent Applicant/Assignee:
 MEDICAL TALK SYSTEMS LIMITED,
 SOLANKI Guirish,
Inventor(s):
 SOLANKI Guirish,
Patent and Priority Information (Country, Number, Date):
 Patent: WO 9843181 A1 19981001
 Application: WO 98GB879 19980323 (PCT/WO GB9800879)
 Priority Application: GB 975926 19970321
Designated States: CA JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
 SE
Main International Patent Class: **G06F-017/24**
Publication Language: English
Fulltext Availability:
 Detailed Description
 Claims
Fulltext Word Count: 5647
English Abstract
 A data entry system comprises input means (10), preferably a voice

recognition system, for the input of items of data and database means
(17) for storing a plurality of records, each record consisting of one or
more data items, each data item being defined as being in one of a number
of data categories. The system includes means (12) for storing at least
one document format or data entry form having at least one field for the
addition of a data item from a predetermined category. Each data item
input is compared with stored reference date (31) to find a match for the
input data item, and, hence, to identify the data category to which the
input data item belongs. The input data item is added to the document
format or data entry form at a field associated with the data category so
identified. The stored reference data may include at least one register
(31) of information derived from the records stored in the database (17)
means but separate from them. The system is very easy to use for
unskilled users and, further, document formats and data entry forms in
applications complying with the complement object model can easily be
converted to such a system using a suitable Active X control.

French Abstract
   On decrit un systeme de saisie de donnees qui comprend un moyen de
saisie (10), de preference un systeme de reconnaissance vocale, pour
introduire des elements d'information, et une base de donnees (17) pour
stocker une serie d'enregistrements, chaque enregistrement comportant un
ou plusieurs elements d'information, chaque element d'information etant
defini comme appartenant a une categorie parmi un certain nombre de
categories de donnees. Le systeme inclut un moyen (12) pour mettre en
memoire au moins une presentation de document ou masque de saisie
comportant au moins un champ dans lequel on ajoute un element
d'information issu d'une categorie predeterminee. Chaque element
d'information est compare avec des donnees de reference mises en memoire
(31) pour trouver une donnee concordant avec ledit element d'information
et, partant, identifier la categorie de donnees a laquelle appartient
l'element d'information saisi. L'element d'information saisi est ajoute a
la presentation de document ou masque de saisie, dans un champ associe a
la categorie de donnees ainsi identifiee. Les donnees de reference mises
en memoire peuvent comprendre au moins un registre (31) d'informations
provenant, mais distinctes, des enregistrements stockes dans la base de
donnees (17). Le systeme est tres facile a utiliser pour des utilisateurs
inexperimentes. En outre, des presentations de document ou masques de
saisie definis dans des applications conformes au modele objet
complementaire sont facilement convertibles dans le systeme de
l'invention au moyen d'un controle faisant appel a la technologie dite
"Active X".
Main International Patent Class: **G06F-017/24**
Fulltext Availability:
   Detailed Description

Detailed Description
... has identified it.

   The Active X control is equally effective whether the
   template under analysis is a document for completion and
   printing or a data **entry   form** for the input of data to a
    database or other record system. It will operate on any
   form or document generated using development software
   compatible with Active X technology.

```
File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)
        (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200329
        (c) 2003  Thomson Derwent
? ds

Set      Items    Description
S1        6814    (PARS??? OR EXTRACT?)(5N)(DOCUMENT? ? OR PAGE? ? OR WEBPAG-
                    E? ? OR FILE? ? OR HTML)
S2       14258    (DEFIN??? OR PRODUC? OR CREAT? OR ESTABLISH? OR GENERAT? OR
                    CONSTRUCT? OR BUILD?)(5N)(DATABASE? ? OR DATA()BASE? ?)
S3       16510    FORM(5N)(INPUT? OR ENTER??? OR ENTRY)
S4      330348    TABLE? ?
S5           1    S1 AND S2 AND S3 AND S4
S6           2    S1 AND S2 AND (INTERFACE OR TEMPLATE) AND S4
S7           2    S5:S6
S8          16    S2 AND S3 AND S4
S9          15    S8 NOT S7
S10      15518    (INTERFACE OR TEMPLATE)(5N)(INPUT? OR ENTER??? OR ENTRY)
S11          7    S2 AND S10 AND S4
S12         21    S9 OR S11
```

07512394   **Image available**
DATABASE   CONSTRUCTION SUPPORT PROGRAM AND Web APPLICATION **CONSTRUCTION** PROGRAM UTILIZING **DATABASE**

PUB. NO.:   2003-006217 [JP 2003006217 A]
PUBLISHED: January 10, 2003 (20030110)
INVENTOR(s):   OTAKI MASAKI
               KAWASAKI KIYOSHI
               SAKATANI NORIAKI
APPLICANT(s): TECHNICAL SYNDICATE CO LTD
APPL. NO.:   2001-193401 [JP 20011193401]
FILED: June 26, 2001 (20010626)
INTL CLASS: G06F-017/30; G06F-012/00

ABSTRACT
PROBLEM TO BE SOLVED: To enable a person without having knowledge about database and programming to develop a database by using a database engine and a Web application.

SOLUTION: A DBTOOL program group 10 relates a **table** name and a field name inputted from an input screen to a real **table** name and a real field name of the **database** to be **constructed** and stores them in a **database** information management **table** . Using HTML, a variable or a tag of a command system forms a **template** for **inputting** data or displaying the data stored in the database. A template engine 40 calls a template, generates display programs in a data input screen and a retrieval data display screen in accordance with a processing mode, and forms a control SQL sentence making the database engine 30 input and retrieve data.

07079355   **Image available**
DATA **INPUT** **FORM** GENERATION SYSTEM, DATA **INPUT** **FORM** GENERATING METHOD AND COMPUTER READABLE RECORDING MEDIUM

PUB. NO.:   2001-307002 [JP 2001307002 A]
PUBLISHED: November 02, 2001 (20011102)
INVENTOR(s):   HONMA SUSUMU
               NAGAFUNE HIDETOSHI
APPLICANT(s): FUJI XEROX CO LTD
APPL. NO.:   2000-119680 [JP 2000119680]
FILED: April 20, 2000 (20000420)
INTL CLASS: G06F-019/00; G06F-017/30

ABSTRACT
PROBLEM TO BE SOLVED: To provide a data **input** **form** generation system capable of generating a data **input** **form** to be easily made into a **database** .

SOLUTION: The data **input** **form** **generation** system 10 is constituted by providing a data **input** **form** accepting part 12 to accept **input** of the

data **input** **form** to be constituted by including a **table** , a **table**
extracting part 14 to extract the **table** from the data **input** **form**
accepted by the data **input** **form** accepting part 12, a **database**
defining part 16 to **define** the **database** based on the **table**
extracted by the **table** extracting part 14 and a data **input** **form**
generating part 18 to **generate** a **database** related data **input** **form**
correlated with the database by correlating the **table** to be included in
the data **input** **form** accepted by the data **input** **form** accepting part
12 with the **database** **defined** by the **database** **defining** part 16.

12/5/4 **(Item 4 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05690654 **Image available**
DATABASE STRUCTURING DEVICE

PUB. NO.:   09-305454 [JP 9305454 A]
PUBLISHED: November 28, 1997 (19971128)
INVENTOR(s):   MATSUDA KATSUSHI
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   08-148740 [JP 96148740]
FILED: May 20, 1996 (19960520)
INTL CLASS: [6] G06F-012/00; G06F-012/00; G06F-017/30
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
                 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

ABSTRACT
PROBLEM TO BE SOLVED: To structure a database without paying attention to
data base definitions and freely design a form as a screen interface for
data registration, etc.

SOLUTION: A user generates a form where components by media data kinds are
freely arranged by using an editor 1011. A type correspondence **table** 105
contains the data types of the respective components and default data
restrictions. A storage part 107 holds definition information on the
generated form and definition information of the **table** containing data
types and data restrictions entered into the type correspondence **table**
105 relating to the respective constituent components of the form. A module
110 issues a command defining the place where the **table** is stored and the
frame of the **table** to a data base management system 81 according to the
generated form, thereby **generating** a **data** **base** . A module 102
displays an **input** **form** matching the definition information on the form
stored in the storage part 107 on the screen of a display device 2 to
enable the registration and acquisition of data.

12/5/5 **(Item 5 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04102645 **Image available**
DATA STORING SYSTEM

PUB. NO.:   05-094345 [JP 5094345 A]

ABSTRACT

PURPOSE: To prevent the abnormal end of a data storage program due to the
generation of an exception by checking the compromise as numeric data.

CONSTITUTION: External **form** data **inputted** in a data **input** means 13
and definition information developed on a main storage device 3 by a
definition information acquisition means 12 are collated by a conversion
discrimination means 14, and judged whether or not it can be converted into
the internal form. In case of generating an exception through the
conversion as illegal decimal data, it is replaced by a code indicating a
blank by a blank code replacement means 15, preventing in advance the
generation of an exception at the time of the conversion. A data conversion
means 16 converts the blank code converted by the blank code replacement
means 15 or the data judged as convertible b the conversion discrimination
means 14 into the internal form according to the definition information,
and a data output means 17 outputs them to a data case file 5. Thus, the
data form on the magnetic tape and the blocking of a **table** in a **database**
 to be **generated** due to the mismatching of the designated definition
information can be prevented.

 12/5/6   **(Item 6 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03609014   **Image available**
 TABLE   FORM   INPUT SYSTEM

ABSTRACT

PURPOSE: To prevent misinput and input omission by providing a means which
takes out data to be **inputted** in a **form** of a **table** from a **data
 base** , a means which **generates** the form of a **table** , a means which
displays values of **table** items in the **table** , a means which controls
input items in the **table** , and a means which registers data **inputted** in

a **form** of a **table** to the data base.

CONSTITUTION: A data taking-out means 1-1 which takes out data **inputted** in a **form** of a **table** from the **data base**, a **table generating** means 1-2 which generates the form of a **table**, a **table** item display means 1-3 which displays values of **table** items in the **table**, a **table** item input control means 1-4 which controls input items in the **table**, and a **table** item register means 1-5 which registers data **inputted** in a **form** of a **table** to the data base are provided. Data **inputted** in a **form** of a **table** is collectively registered or not registered in the data base in accordance with the indication of an operator. Thus, values of data of the other items are referred to input data because data is simultane ously referred and inputted, and misinput and input omission for data input are prevented.

12/5/8   (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

00809605   **Image available**
DATA BASE PRODUCTION DEVICE FOR PROCESS

PUB. NO.:   56-129905 [JP 56129905 A]
PUBLISHED: October 12, 1981 (19811012)
INVENTOR(s):   KOBAYASHI HIROSHI
APPLICANT(s):   MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
                   Corporation), JP (Japan)
APPL. NO.:   55-031876 [JP 8031876]
FILED: March 13, 1980 (19800313)
INTL CLASS: [3] G05B-015/02; G06F-015/46
JAPIO CLASS: 22.3 (MACHINERY -- Control & Regulation); 36.2 (LABOR SAVING
                   DEVICES -- Manufacturing Process Automation); 45.4
                   (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 97, Vol. 06, No. 5, Pg. 4, January
                   13, 1982 (19820113)

ABSTRACT
PURPOSE: To reduce the **production** process of **data base** and to increase the accuracy of data, by utilizing the magnetic tape storing the rule **table** coded under a given rule, in the **data base production** process.

CONSTITUTION: Input/output lists M, N to sequentially output the physical data such as current and pressure corresponding to the physical plant number. Further, a magnetic tape 30 storing the conversion rule **table** ruling the processing system of describing **form** of **input**/output list, conversion and arrangement, and magnetic tapes 31, 32 storing the lists M, N as it is, are provided. Further, the coded data stored in the devices 30-32, plant number in the index information, coded data corresponding to the physical data, and index information are selected and controlled 11, and the data base for process is formed according to this information.

12/5/9   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014899840   **Image available**
WPI Acc No: 2002-720546/200278

System for mutually processing and developing multiple data
Patent Assignee: BIZMODELINE CO LTD (BIZM-N)
Inventor: HONG J C; KIM J H; KIM Y G
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002041033	A	20020601	KR 200070751	A	20001125	200278	B

Priority Applications (No Type Date): KR 200070751 A 20001125
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002041033	A		1	G06F-017/00	

Abstract (Basic): KR 2002041033 A
      NOVELTY - A system for mutually processing and developing multiple
    data is provided to compare data according to opinions of purchasers
    and sellers in case that products are dealt on line by automatically
    comparing and classifying the multiple data transmitted and inputted
    from users, and by processing the data for being displayed to a line as
    a single window in order.
      DETAILED DESCRIPTION - A database **table** (100) suitable for
    conditions for inputting information is formed in a database unit in
    the form of a field(104). After that, a data **input   form** (101) for
    enabling users to **input** information is **generated** . The **database
    table** (100) capable of storing the information according to selected
    conditions is connected. The data **input   form** (101) is connected to a
    database **table** (100). In case that the information is transmitted, a
    data processing unit(102) receives the information. The data processing
    unit(102) opens the database unit(104) in which the information is
    stored using a data source name of the database unit(104). The data
    processing unit(102) stores the data in the data processing unit(103).
      pp; 1 DwgNo 1/10
Title Terms: SYSTEM; MUTUAL; PROCESS; DEVELOP; MULTIPLE; DATA
Derwent Class: T01
International Patent Class (Main): G06F-017/00
File Segment: EPI

 12/5/10   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014285052   **Image available**
WPI Acc No: 2002-105753/200214
XRPX Acc No: N02-078684
   **Automatic form handling method for employment application through
   Internet, involves creating** tables **comprising storage elements
   corresponding to submission fields of form in application database**
Patent Assignee: LACK S (LACK-I); MIKHAILOV D (MIKH-I)
Inventor: LACK S; MIKHAILOV D
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010054046	A1	20011220	US 2000194732	P	20000405	200214	B
			US 2001826037	A	20010404		

Priority Applications (No Type Date): US 2000194732 P 20000405; US
    2001826037 A 20010404
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

US 20010054046 A1   22 G06F-015/00   Provisional application US 2000194732

Abstract (Basic): US 20010054046 A1
    NOVELTY - The form received from a publisher, is processed to identify data submission fields which are correlated with field types supported by an application database. Multiple **tables** comprising storage elements corresponding to the submission fields, are **created** in **database** . The **form** is published to receive user **input** , and input entries are stored in the corresponding storage elements.
    DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
        (a) Computer storage medium storing form handling program;
        (b) Computer controlled apparatus for handling forms
    USE - For handling forms in HTML, XML, PDI or word processing format used for application services such as political polling survey, consumer preference survey, order forms for goods and services, warranty cards, employment applications, online data entry forms such as gathering electronic marketing data, bill presentation and payment systems, insurance claims submission, census taking, absentee ballot collection, online shopping, meeting scheduling, shareholder balloting etc., and also for voluntary submission systems such as e-commerce and marketing survey applications through intranet, Internet, LAN, WAN, etc.
    ADVANTAGE - Enables the visitors to access the forms and **enter** a **form** submission in a short time by maintaining the sufficient communication bandwidth. Enables the form publisher to easily and quickly design and deploy highly sophisticated forms.
    DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of automatic form handling system.
        pp; 22 DwgNo 1/11
Title Terms: AUTOMATIC; FORM; HANDLE; METHOD; EMPLOY; APPLY; THROUGH; **TABLE** ; COMPRISE; STORAGE; ELEMENT; CORRESPOND; FIELD; FORM; APPLY; DATABASE
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

 12/5/13   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013396457   **Image available**
WPI Acc No: 2000-568395/200053
XRPX Acc No: N00-419927
  Information input terminal for database **system, has** form   production **information file which records** table **name of database corresponding to** input   form **name and item name corresponding to** input   form **name**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000222260	A	20000811	JP 9923871	A	19990201	200053	B

Priority Applications (No Type Date): JP 9923871 A 19990201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000222260	A		5	G06F-012/00	

Abstract (Basic): JP 2000222260 A

NOVELTY - A form production information file (11) records the
table name of a database corresponding to an **input   form** name, the
item name corresponding to the **input   form** name and the **input
form** name to be stored. The data input, which are based on the **input
form** , are stored on a **table** in the database based on the **table**
name currently recorded by the form production information file.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
the information input procedure.
USE - For database system.
ADVANTAGE - Reduces modification of input item and **table** name to
be stored. Improves reliability of data input by reducing operator's
input error since common **input   form** can be used in all information
input terminals.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the information input terminal.
Form production information file (11)
pp; 5 DwgNo 1/4
Title Terms: INFORMATION; INPUT; TERMINAL; DATABASE; SYSTEM; FORM; PRODUCE;
INFORMATION; FILE; RECORD; **TABLE** ; NAME; DATABASE; CORRESPOND; INPUT;
FORM; NAME; ITEM; NAME; CORRESPOND; INPUT; FORM; NAME
Derwent Class: T01
International Patent Class (Main): G06F-012/00
International Patent Class (Additional): G06F-003/14; G06F-017/30
File Segment: EPI

 12/5/14   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013254754   **Image available**
WPI Acc No: 2000-426637/200037
XRPX Acc No: N00-318264
  Input-output designation method of relational database , **involves
  designating position of template** produced **during data output from**
  table **such that two rows of** table **are judged to be in correlation**
Patent Assignee: MICRO LAB KK (MICR-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2000148792 A   20000530 JP 98378041   A   19981105 200037 B

Priority Applications (No Type Date): JP 98378041 A 19981105
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2000148792 A   4 G06F-017/30

Abstract (Basic): JP 2000148792 A
NOVELTY - The position of a template produced during data output
from the **table** stored in a relation database is designated such that
the two rows of a **table** are judged to be in correlation.
USE - For designating input-output of relational database in
computer.
ADVANTAGE - Improves **input** -output **interface** of relational
database by directly coupling some **tables** on relational database.
pp; 4 DwgNo 1/7
Title Terms: INPUT; OUTPUT; DESIGNATED; METHOD; RELATED; DATABASE;
DESIGNATED; POSITION; TEMPLATE; PRODUCE; DATA; OUTPUT; **TABLE** ; TWO; ROW;
TABLE ; JUDGEMENT; CORRELATE
Derwent Class: T01

International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-012/00
File Segment: EPI

12/5/17   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012039745   **Image available**
WPI Acc No: 1998-456655/199839
XRPX Acc No: N98-356405
  Dynamic interface production **system for host computer** database **and
  remote system - has event contract interface sub-system which receives
  messages from event trigger module**
Patent Assignee: BELL COMMUNICATIONS RES INC (BELL-N)
Inventor: DORIS D J; SOLAR D J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5794053	A	19980811	US 94245313	A	19940518	199839	B
			US 96681234	A	19960722		

Priority Applications (No Type Date): US 94245313 A 19940518; US 96681234 A
  19960722
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5794053	A		13	G06F-013/00	Cont of application US 94245313

Abstract (Basic): US 5794053 A
      The system (12) includes an event **table** subsystem (16) which has
  an input unit to associate external system field names with the field
  names of host system as **interface** condition definition. The **input**
  unit defines events in terms of dynamic and static conditions. A
  definition database stores **tables** of events, field names and
  interface conditions. An event trigger subsystem (20) connected to host
  database, comprises a clue module (24) containing user defined tags
  associated with dynamic conditions. The changes in host database is
  analysed to identify dynamic conditions that indicate an occurrence of
  event.
      An event contract interface subsystem (18) interposed between other
  subsystems, receives messages from event trigger module when an event
  occurs. The received messages are analysed for static and dynamic
  conditions to determine whether event actually occurred. Then, an
  interface condition tag value pair message is created and send to
  external systems (14) based on interface contract definition from
  definition database.
      ADVANTAGE - Allows conditions to be set by user. Allows user to
  generically define events. Avoids modification of interface condition
  code.
      Dwg.1/8
Title Terms: DYNAMIC; INTERFACE; PRODUCE; SYSTEM; HOST; COMPUTER; DATABASE;
  REMOTE; SYSTEM; EVENT; CONTRACT; INTERFACE; SUB; SYSTEM; RECEIVE; MESSAGE
  ; EVENT; TRIGGER; MODULE
Index Terms/Additional Words: WFA/DO
Derwent Class: T01
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): G06F-015/163
File Segment: EPI

011187579   **Image available**
WPI Acc No: 1997-165504/199715
XRPX Acc No: N97-136253
   **Data storage method for relational database using object model - using
   custom application for creating forms and reports based on objects in
   object model to store and retrieve data from relational database**
Patent Assignee: WALL DATA INC (WALL-N)
Inventor: CAI Z; GORDON M C; KAWAI K; KROENKE D M; LI J; MILLER M D; OLDS C
   C; STANFORD C A
Number of Countries: 072 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9707470	A1	19970227	WO 96US13284	A	19960815	199715	B
AU 9667764	A	19970312	AU 9667764	A	19960815	199727	
EP 846299	A1	19980610	EP 96928204	A	19960815	199827	
			WO 96US13284	A	19960815		

Priority Applications (No Type Date): US 95516446 A 19950817
Cited Patents: 1.Jnl.Ref; GB 2253500; US 5263167; WO 9503586; WO 9512172
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9707470	A1 E 230	G06F-017/30	

   Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ
   DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG
   MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
   Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
   LS LU MC MW NL OA PT SD SE SZ UG

AU 9667764	A	G06F-017/30	Based on patent WO 9707470
EP 846299	A1 E	G06F-017/30	Based on patent WO 9707470

   Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
   MC NL PT SE

Abstract (Basic): WO 9707470 A
     The method involves storing data in a relational database using an
   object model which includes a number of objects each having one or more
   components that define the object including relationships between
   models, and has been translated into a database schema including one or
   more relational database **tables** that describes the relational
   database. An object is selected from the object model, and a form based
   on the selected object for storing data in the relational **database** is
   automatically **generated** according to a set of default rules.
     The form is combined with information about the database schema and
   information about the selected object, including information regarding
   any relationships that exist between the selected object and other
   objects in the model. A user is prompted to enter data to be stored in
   the relational database, into the form, and the data that has been
   entered into the **form** is written to the relational database.
     ADVANTAGE - Automatically generates forms and reports for accessing
   data in database using object modelling concepts.
     Dwg.1/23
Title Terms: DATA; STORAGE; METHOD; RELATED; DATABASE; OBJECT; MODEL;
   CUSTOM; APPLY; FORM; REPORT; BASED; OBJECT; OBJECT; MODEL; STORAGE;
   RETRIEVAL; DATA; RELATED; DATABASE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

007253060
WPI Acc No: 1987-250067/198735
XRPX Acc No: N87-187112
   Natural-language input   interface **generation** - generates **customised menu interface from** data base **supplied and from inputs supplied interactively by user**
Patent Assignee: TEXAS INSTR INC (TEXI)
Inventor: ROSS K M; THOMPSON C W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4688195	A	19870818	US 83461881	A	19830128	198735	B

Priority Applications (No Type Date): US 83461881 A 19830128
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4688195	A		37		

Abstract (Basic): US 4688195 A
       The database is loaded in, and the interactive
   interface-construction system then addresses a series of queries to the
   user's technical expert. In response, the user must classify which
   tables in the database are to be used, which attributes of particular
   tables in the database are key attributes, and, in particular, what
   the various connections between **tables** in the database are and what
   natural-language connecting phrases will describe those relations.
       The user addresses commands to the database system by selecting
   words from an appropriate menu which could legally follow in commands,
   so that the user inputs commands which are phrased entirely in English.
   An automatic interactive system whereby such an interface is
   constructed.
       ADVANTAGE - No computer-skill programming work required, no
   possibility of error.
       0/11
Title Terms: NATURAL; LANGUAGE; INPUT; INTERFACE; GENERATE; GENERATE;
   CUSTOMISATION; MENU; INTERFACE; DATA; BASE; SUPPLY; INPUT; SUPPLY;
   INTERACT; USER
Derwent Class: T01
International Patent Class (Additional): G06F-001/00
File Segment: EPI

```
File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)
        (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200329
        (c) 2003  Thomson Derwent
? ds

Set     Items    Description
S1       349     (PARS??? OR EXTRACT?)(5N)TABLE? ?(5N)(DOCUMENT? ? OR PAGE?
                 ? OR WEBPAGE? ? OR FILE? ? OR HTML)
S2      16510    FORM(5N)(INPUT? OR ENTER??? OR ENTRY)
S3      14241    (DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT?
                 OR CONSTRUCT? OR BUILD???)(5N)(DATABASE? ? OR DATA()BASE? ?)
S4         0     S1 AND S2 AND S3
S5         1     S1 AND S2
S6        15     S1 AND (TEMPLATE? ? OR INTERFACE? ?)
S7        12     S6 AND IC=G06F
S8      2959     (PARS??? OR EXTRACT?)(5N)TABLE? ?
S9        11     S8 AND S2
```

9/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03402862 **Image available**
ELECTRONIC DICTIONARY

PUB. NO.:   03-065762 [JP 3065762 A]
PUBLISHED: March 20, 1991 (19910320)
INVENTOR(s):   MIYOSHI OSAMU
APPLICANT(s):   SANYO ELECTRIC CO LTD [000188] (A Japanese Company or
                 Corporation), JP (Japan)
APPL. NO.:   01-201992 [JP 89201992]
FILED: August 02, 1989 (19890802)
INTL CLASS: [5] G06F-015/38; G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 30.2
                 (MISCELLANEOUS GOODS -- Sports & Recreation)
JOURNAL: Section: P, Section No. 1212, Vol. 15, No. 224, Pg. 138, June
                 07, 1991 (19910607)

                          ABSTRACT
PURPOSE: To know the meaning of a word only by observing the original form
by retrieving the word so that the spelling of the inputted word can be
coincident with the spelling of a word existent in the dictionary and
displaying the contents of the word corresponding to the inputted word.

CONSTITUTION: The word corresponding to a part separated from the head of
an inflected form in the word by the prescribed number of characters is
read from a dictionary part 8 and a table is prepared. The word
corresponding to the inflected form is **extracted** into the **table** and
afterwards, the contents of the word corresponding to the inflected form
are read out from the dictionary part 8 and displayed in a display part 6.
Accordingly, the inflected **form** is **inputted** from an **input** means 1
such as a keyboard, etc., and afterwards, the word in the original form
corresponding to the inflected form can be retrieved and displayed. Thus,
in a dictionary for foreign languages such as English, German and French,
etc., to be complicatedly inflected, an effect can be expected for
investigating the prototype.

9/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03277841 **Image available**
TABLE KNOWLEDGE PROCESSOR

PUB. NO.:   02-253341 [JP 2253341 A]
PUBLISHED: October 12, 1990 (19901012)
INVENTOR(s):   IZUMI MIKIO
                 TSUMURA KAZUHIRO
APPLICANT(s):   TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   01-074099 [JP 8974099]
FILED: March 28, 1989 (19890328)
INTL CLASS: [5] G06F-009/44
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
                 23.1 (ATOMIC POWER -- General)
JOURNAL: Section: P, Section No. 1149, Vol. 15, No. 5, Pg. 32, January
                 08, 1991 (19910108)

ABSTRACT

PURPOSE: To easily inspect the knowledge processing situation and the validity of the processing result by adding a character searching device, a **table** information **extracting** device, and a picture comparing device to a picture processor.

CONSTITUTION: The knowledges arranged into a table **form** are **inputted** to a picture memory of a picture processor 1 from a sentence/table data input device 2 and a picture storing device 3. Then the prescribed character strings are inputted from a keyboard 4 serving as an interactive input/output device and a mouse 5. Thus a character searching device 8 **extracts** the **table** items coincident with the character strings, and a **table** information **extracting** device 9 **extracts** the information on the **extracted** **table** items out of a **table** . A picture comparing device 10 compares the degrees of **extraction** with each other among the **table** items and **extracts** the necessary knowledges out of the table knowledges stored in the picture memory. Thus the knowledge processing situation, the knowledge processing result, etc., can be easily inspected.
?

```
File 348:EUROPEAN PATENTS 1978-2003/Apr W04
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030501,UT=20030424
        (c) 2003 WIPO/Univentio
? ds


Set      Items     Description
S1        8203     (PARS??? OR EXTRACT?)(5N)(DOCUMENT? ? OR PAGE? ? OR WEBPAG-
                   E? ? OR FILE? ? OR HTML)
S2       20818     (DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT?
                   OR CONSTRUCT? OR BUILD???)(5N)(DATABASE? ? OR DATA()BASE? ?)
S3       24491     FORM(5N)(INPUT? OR ENTER??? OR ENTRY)
S4      420001     TABLE? ?
S5           7     S1(S)S2(S)S3(S)S4
S6          39     S1(S)S2(S)(INTERFACE OR TEMPLATE)(S)S4
S7          43     S5:S6
S8          32     S7 AND IC=G06F
S9          84     S2(S)S3(S)S4
S10         58     S9 AND IC=G06F
S11         48     S10 NOT S8
S12        155     (PARS??? OR EXRACT???)(5N)TABLE? ?(5N)(DOCUMENT? ? OR PAGE?
                   ? OR WEBPAGE? ? OR FILE? ? OR HTML)
S13         25     S12(S)(S3 OR INTERFACE OR TEMPLATE)
S14         22     S13 AND IC=G06F
S15         27     S12(S)FORM? ?
S16         23     S15 AND IC=G06F
S17         13     S16 NOT S14
```

00848570   **Image available**
SIMULATION AND MODELLING METHOD AND APPARATUS
PROCEDE ET APPAREIL DE SIMULATION ET DE MODELISATION
Patent Applicant/Assignee:
  THE COMMONWEALTH OF AUSTRALIA, Anzac Park, Canberra, ACT 2601, AU, AU
    (Residence), AU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  ANDERSON Rob, Anzac Park, Canberra, ACT 2601, AU, AU (Residence), AU
    (Nationality), (Designated only for: US)
  SMITH Alister, Anzac Park, Canberra, ACT 2601, AU, AU (Residence), AU
    (Nationality), (Designated only for: US)
  GOUTHAS Themmie, Anzac Park, Canberra, ACT 2601, AU, AU (Residence), AU
    (Nationality), (Designated only for: US)
  DUNN Michelle, Anzac Park, Canberra, ACT 2601, AU, AU (Residence), AU
    (Nationality), (Designated only for: US)
Legal Representative:
  MADDERNS (agent), Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000, AU,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200182211 A1 20011101 (WO 0182211)
  Application: WO 2001AU462 20010420   (PCT/WO AU0100462)
  Priority Application: AU 20007106 20000420
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-165/00
International Patent Class: G09B-009/048; G09B-019/10; G09B-019/16
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8930

English Abstract
  The invention is directed to a simulation and modelling approach, which
  comprises two parts. The first part comprises a generic mathematical
  model used to simulate or model a system and elements of the system
  interacting with a predetermined environment. The second part comprises
  at least one user defined data file that contains not only predetermined
  parameters (scalars values and/or tables with fixed independent
  variables) for use by the first part, but which also contains executable
  mathematical equations and respective data relating to an element of the
  system. These user-defined algorithmic expressions add to and complement
  the generic mathematical model so as to produce, when operating together,
  numerical output that simulates or models the behaviour of the one or
  more elements of the system in a predetermined environment. Typically
  computer programs interact with the invention to provide a visualisation
  tools for the numerical output provided. The generic mathematical model
  can be changed to suit other environments and other elements (classes of
  objects) interacting with that environment.

French Abstract

Cette invention se rapporte a une approche de simulation et de
modelisation en deux parties. La premiere partie comprend un modele
mathematique generique utilise pour simuler ou modeliser un systeme et
des elements de ce systeme interagissant avec un environnement
predetermine. La seconde partie comprend au moins un fichier de donnees
defini par l'utilisateur, qui contient non seulement des parametres
predetermines (valeurs scalaires et/ou tables avec variables
independantes fixes) a utiliser par la premiere partie, mais egalement
des equations mathematiques executables et des donnees respectives
relatives a un element du systeme. Les expressions algorithmiques
definies par l'utilisateur viennent s'ajouter au modele mathematique
generique et le completent, afin de produire, conjointement, une sortie
numerique qui simule ou modelise le comportement de l'un ou de plusieurs
des elements du systeme dans un environnement predetermine. Generalement,
des programmes informatiques interagissent avec l'approche faisant
l'objet de cette invention, pour creer des outils de visualisation pour
la sortie numerique fournie. Le modele mathematique generique peut etre
modifie pour s'adapter a d'autres environnements et a d'autres elements
(classes d'objets) interagissant avec cet environnement.

Claim
... with. a predetermined environment. The second part comprises at least
   one user defined data file that contains not only predetermined
   parameters (scalars values and/ or **tables** with fixed independent
   variables) for use by the first element, but which also contains
   executable mathematical equations and respective data relating to an .
   element of...

...portion of an example nussile data file;
   Fig. 9 depicts a two-dimensional representation of a one-on-one air-to
   air missile
   combat simulation;
   Table 1 depicts the program start-up sequence; and
   Table 2 depicts selected code of a program. start-up and run simulation
   associated with a one~on-one simulation.
   DESCRIPTION OF AN EMBODIMENT OF THE...

...the MECA software package is a tool developed for the analysis of AAM
   and. SAM kinematic performance and. its display using its own Graphical
   User **Interface** (GUI). The MECA application can be used to perform a
   number of simulation functions called
   scenarios. These are:
   Single Engagement
   Performance Contours
   Range/Velocity/Latax...each object being modelled/simulated, such as a
   missile. A GEMM data file contains one or more of the following types of
   data; scalar values, **tables** with fixed independent variables, and
   pre-defined algoriffimic expressions the later being termed herein `SMART
   DATA`. The Smart Data concept is not restricted to missile...

...necessary to fully configure the generic model to represent a given
   aircraft type. lf the data file is restricted to contain only scalar

values and **tables** with fixed independent variables, then the full
potential of the this model is necessarily restricted. This is so because
the equations that define the generic...

...of classified missile characteristics. All of this data is called upon
by the program(s) running on the computer device as required. Scalar
values and **tables** having fixed independent variables can be called up
by making key word references from the available missile data file.
Simulation programs of this type provide a dedicated calculation function
as weIl as being associated with a dedicated results display application
typically having a Graphical Usr **Interface** (GUI) so that the simulation
can be easily populated with initial data and illustrated realistically.
Clearly, simulations that use precompiled software routines that run
during...Particularly, there exists a need to have vast quantifies of
processing speed, power and resources. However, at the same time there is
a need to **create** an easily maintained and secure **database** of missile
and, aircraft characteristics for nulitary use. Although in developing
the invention it has become apparent that the modelling technique
described herein has many...

...and their legacy interfaces. Fig. 1 depicts a schematic of the various
elements that combine to create an embodiment of the invention. A
Graphical User **Interface** ,(GUI) is part of MECA but is shown separately
to illustrate that it is an important part of MECA. The GUI receives and
sends data...follow the simulation run/completion or in the event of an
error, these results can also indicate a hit or a miss of the target.
Table 1 depicts an example of some lines of code for initiating MECA.
Referring to Fig. 2 the output of MECA is supplied to the GUI...

...of the program modules, which provide the
functionality of the engagement class. A Data Manager in GEMM loads
missile data from. the separate specified data **file** **parsing** (inverted
exclamation mark)t into an internal representation and also contains a
StackMac for processing that information. The data is in effect,
transferred from the...
...simulation execution. For example, gas turbine powered missiles with a
solid rocket booster can have two propulsion blocks, one being a standard
thrust vs. time **table** , the second being a user-defined block giving
thrust: as a function of operating parameters. The Data manager provides
the ability to select the correct...

...states into the scenario in step with the time-step of MECA and other
time intervals relating to the virtual data bus and the GUI/ **interface** .
As briefly described previously, the data bus pictorially represented in
Fig 5 is actually a data structure rather than a physical bus. This bus
may...Propulsion and Airframe equations that in this embodiment relate to
a missile. The Missile Data manager portion of GEMM contains Pre-defined
Guidance Laws,
Data **Table** Interpolation, Parameter Block Switching and Smart Data as
constructed from data in the Missile Data File. The Missile Data file may
contain scalar values, **tables** with fixed independent variables and
user-definable code representative of control parameters, guidance laws,
thrust, mass variation, aerodynamic coefficients, maximum latex
capabilitY and missile flight...

 8/5,K/19   (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00781876
SEARCH TOOL, SYSTEM AND METHOD
PROCEDE, SYSTEME ET OUTIL DE RECHERCHE
Patent Applicant/Assignee:
  MEDICAL DATA SERVICES GMBH, An der Alten Ziegelei 20, 48157 Munster, DE,
    DE (Residence), DE (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  ELFERING Ingo, SmithKline Beecham Corporation, 709 Swedeland Road, King
    of Prussia, PA 19406, US, US (Residence), DE (Nationality), (Designated
    only for: US)
Legal Representative:
  GIDDINGS Peter John (agent), SmithKline Beecham Corporate Intellectual
    Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP, GB,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200115010 A2 20010301 (WO 0115010)
  Application: WO 2000EP8303 20000824   (PCT/WO EP0008303)
  Priority Application: GB 9920279 19990826
Designated States: US
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6791

English Abstract
  A search tool for a medical application is configured to be operable on a
  computer system including a display and to provide access to a management
  system including at least one case file. The search tool displays a
  search selector on the display. It includes a search definition generator
  operable to respond to user selection of the search selector in
  association with a case file to compile a search definition for
  transmission to a remote search engine, the search definition comprising
  a set of selected information from the case file. By automatically
  incorporating case related information, more highly targeted information
  can be returned for a given query increasing the effectiveness of the
  search tool. The search engine is able to process the information to
  generate targeted queries based on the information supplied. The
  information can be packaged in XML format, providing for easy transport
  and processing, using a wide variety of platforms and browsers.

French Abstract
  L'invention porte sur un outil de recherche pour application medicale qui
  est configure pour fonctionner sur un systeme informatique comprenant un
  affichage et acceder a un systeme de gestion comprenant au moins un
  dossier. L'outil de recherche affiche un selecteur de recherche sur
  l'ecran. Il comprend un generateur de definitions de recherche capable de
  repondre a la selection de l'utilisateur de chaque selecteur en
  association avec un dossier afin de compiler une definition de recherche
  et la transmettre a un moteur de recherche a distance, cette definition
  de recherche comprenant un ensemble d'informations selectionnees
  provenant du dossier. En incorporant automatiquement des informations
  relatives au dossier, davantage d'informations hautement ciblees peuvent
  etre renvoyees pour une consultation donnee, ce qui augmente l'efficacite
  de l'outil de recherche. Le moteur de recherche est capable de traiter
  des informations pour generer des consultations ciblees sur la base des
  informations fournies. Les informations peuvent etre mises sous format
  XML, assurant une facilite de traitement et de transport au moyen d'une

grande variete de plates-formes et de navigateurs.

Legal Status (Type, Date, Text)
Publication   20010301 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20010712 Request for preliminary examination prior to end of
                         19th month from priority date

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Claims

Claim
... in a conventional manner using the queries output by the query
    generator 1 16. A resulting query response 119 is then supplied to the
    communications **interface** 1 14 for return to the requester shown in
    Figure 4. The software elements shown in Figures 4 and 5 could be
    operable on a...

...or items in the patent case file that need to be selected to form the
    query text file. The information groupings can be held respective **tables**
     accessed in response to the 30 selection of the button in step S12
    according to the specification, or not, of further - 10 search arguments
    in a window or by highlighting, for example, as described above. As an
    alternative to the provision of **tables** , the information groupings could
    be speci ied by program code responsive to the basic query request and
    additional arguments, if provided, as inputs. The program...

...included to refine the search further. The data is collected to form an
    NAM document, for example in a format illustrated later with reference to
     Table 1. In step S 1 8, the ...one for a research worker. An example
    of an XML document for forming a search query for transmission to the
    server is set out in **Table** I below. Prior to transmission, the PMS can
    be operable to LJRL-encode the XML document, with spaces replaced etc.,
    and optionally to encrypt
    the...

...In step S30, a XML document query (i.e. an XML document containing the
    information from the search query file) is received by the communications
     interface 114. - 12 In step S32, the XML document query is then
    processed by a server side **page** that **extracts** the information content
    of the XML document and combines that information into one or more
    queries using an appropriate algorithm. For example, an initial query...

...might also be tagged in a manner that assigns values to several search
    tags and thereby permits even more targeted searching. The queries could
    be **defined** against real productive population **databases** , where
    non-nally such content would be medical publications, and knowledge
    databases. As a part of the search process at the search engine, targeted
    advertising...

...for example items for purchase such as relevant books, etc., and links
    to guidelines, experts, etc., as is also becoming commonplace with
    current search engines. **Table** 1 below gives an example of an XML
    document that could be used in an embodiment of the present invention. -
    14
    TABLE 1
    <medsearch> v1.0
    <physiclan>1</physician>
    <physiclan>1</physician>

```
<language>US</language>
<patient>
<heIght>193</height>
<weight>95</weight>
<gender>m</gender>
<age>95...
```

```
...rxs>
<data>
<zx:pzn>12345</rx:pzn>
</data>
</patient>
<search>
<keyword>Diabetes</keyword>
<keyword op="AND">HBlac</keyword>
</search>
</medsearch>
```
The various tags identified in **Table** 1 are explained in the following:
<medsearch> is the container and v is the version. The use of a version
identifier facilitates flexible or application...

8/5,K/21   (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00766055   **Image available**
**A METHOD AND SYSTEM FOR REFERENCING, ARCHIVING AND RETRIEVING SYMBOLICALLY
    LINKED INFORMATION**
**PROCEDE ET SYSTEME DE REFERENCE, D'ARCHIVAGE ET D'EXTRACTION D'INFORMATIONS
    LIEES SYMBOLIQUEMENT**
Patent Applicant/Assignee:
  MULTEX COM INC, 33 Maiden Lane, 5th Floor, New York, NY 10038, US, US
    (Residence), — (Nationality)
Inventor(s):
  CURTIS Kevin A, 91 Linvale Road, Ringoes, NJ 08551, US
  URAZOV Yuri, 110-50 72nd Road, Apartment 2, Forest Hills, NY 11375, US
  BERGANOVSKY Michael, 395 The Fenway, River Edge, NJ 07661, US
Legal Representative:
  MCCABE Philip J, Kenyon & Kenyon, One Broadway, New York, NY 10004, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200079430 A1 20001228 (WO 0079430)
  Application: WO 2000US13914 20000518   (PCT/WO US0013914)
  Priority Application: US 99336031 19990618
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
  SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 11919

English Abstract

The present invention provides a method and system for the reference, archival and retrieval of symbolically linked information despite idiosyncratic symbol (120a1, 120c1, 120a2, 120c2, 120a3, 120b3, 120c3) usage. A master symbol (115c) database stores a plurality of master (115c) symbols, wherein each master (115c) symbol is formatted according to a predetermined structure. Each master symbol (115c) in the master symbol (115c) database is linked to a parent identifier (110) that identifies a unique object (130). Users may archive or retrieve symbolically linked information in an information database by providing an input symbol. The input symbol is normalized and the master symbol (115c) database is searched to find a matching master symbol (115c). The parent identifier (110) linked to the matching master symbol (115c) is then used to retrieve or archive information in the information database.

French Abstract
La presente invention concerne un procede et un systeme de reference, d'archivage et d'extraction d'informations liees par des symboles malgre l'utilisation de symboles idiosyncrasiques (120a1, 120c1, 120a2, 120c2, 120a3, 120b3, 120c3). Une base de donnees de symboles maitres (115c) conserve une pluralite de symboles maitres (115c), dans laquelle chaque symbole maitre (115c) est formate selon une structure predeterminee. Chaque symbole maitre (115c) dans la base de donnees de symboles maitres (115c) est lie a un identificateur parent (110) identifiant un objet unique (130). Les utilisateurs peuvent archiver ou extraire des informations liees par symboles dans une base de donnees d'informations en fournissant un symbole d'entree. Le symbole d'entree est normalise et la base de donnees de symboles maitres (115c) est exploree pour trouver un symbole maitre correspondant (115c). L'identificateur parent (110) lie au symbole maitre correspondant (115c) est alors utilise pour extraire ou archiver des informations dans la base de donnees d'informations.

Legal Status (Type, Date, Text)
Publication   20001228 A1 With international search report.
Examination   20010712 Request for preliminary examination prior to end of
                        19th month from priority date

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Claims

Claim
... t
  Segment 120a21 iien
  Segme Oa, Sy
  Symbol
  S
  Segment 120c2
  Segment 120c1
  Segment 120b3 II
  ------------------------------- --------------................ Ob
  ----
  --------------- ------------
  110b
  a
  1 1 1
  1
  1
  Symbol **Template** 145
  Symbol Fie Symbol Fie Symbol Fie . . . I Symbol Field N-I
  /19
  Symbol Field 150a Symbol Field 150b

[@@ Root I I Source I
Symbol **Template** 145
FIG. ld
/19
S boi np
alize syrn
Normal No a
historical
mb I known? 26
230
es
asona
Retrieve parent Yes interpr
identifier...

...317
Client 305
Personal Computer 310 Modem 315
FIG. 3
File D
Histo Database Client
Pattern 450 Database
Database 470
na
Database
430 %
Orma on
Table
Database 417
.... Symbol Sierver 41 0
Contributor Gate@vay Server 34(a Client Gatewa@ Server 340b
)OC1.14ent Repository
319
Contributor Client
340 305
FIG...

...i
L Segment 1030 i
FIG. 10
/19
- bject Name 1 1
--------........I---
i 105
parent ID 1120
I
I
L
FIG. 11
n a
Database   Creat
1210
Read next symbol
from source file -...ba 4 S bo
ata
Z
0
k %NO Server 4`10
Contributor G Server 340a
eader 320
ocu 1310

ontribu r
FIG. 13
Header **File**
 Extract input
symbol from
header **file**
1415
Apply
normalization rules
to input symbol
1420
orma Use pre nt
bol co s a No symbol =nt
egments? for contributor
1440
Resolve all symbol
slegments using
auxiliary **tables**
1430
J
Search symbol
database using
normalized symbol 5
1445 4
Search relational
No database using
ym n so contributor
1450 submitted symbol
1452
No...

 8/5,K/23   (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00758789   **Image available**
A PLATFORM INDEPENDENT SYSTEM OF SPECIFYING AN EMBEDDED USER INTERFACE
SYSTEME   INDEPENDANT   DE   PLATE-FORME   INDIQUANT   UNE   INTERFACE UTILISATEUR
   ENFOUIE
Patent Applicant/Assignee:
  MATSUSHITA MOBILE COMMUNICATION DEVELOPMENT CORP OF U S, Suite 2-352,
     1225 Nothbrook Parkway, Suwanee, GA 30174, US, US (Residence), US
     (Nationality)
Inventor(s):
  ZUSMANIS Eriks A, 120 Ridge Road, Berkeley Lake, GA 30096, US,
  MADAN Esteban C, 3522 Ontario Court, Buford, GA 30519, US,
Legal Representative:
  BOSS Gerald R (agent), Troutman Sanders LLP, Suite 5200, 600 Peachtree
     Street, N.E., Atlanta, GA 30308-2216, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200072184 A2-A3 20001130 (WO 0072184)
  Application: WO 2000US14364 20000524   (PCT/WO US0014364)
  Priority Application: US 99317522 19990524
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
  SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

English Abstract
  A platform independent system for specifying an embedded user interface
  has source code that comprises elements and parameters. These elements
  and parameters describe the user interface including presentation to the
  user and response to events. In addition, the system has a compiler for
  tokenizing the elements within the source file; parsing the tokenized
  elements; and generating one or more databases. A user interface engine
  resides within a target and serves to monitor events within the user
  interface engine and the target platform. The user interface engine also
  will respond to events through the execution of tokenized elements within
  the database by performing platform specific actions.

French Abstract   .
  Selon cette invention, un systeme independant de plate-forme destine a
  indiquer une interface source enfouie possede un code source qui comprend
  des elements et des parametres. Ces elements et parametres decrivent
  l'interface utilisateur, y compris la presentation a l'utilisateur et la
  reponse aux evenements. En outre, le systeme comporte un compilateur pour
  marquer les elements a l'interieur du fichier source, analyser les
  elements marques et generer une ou plusieurs bases de donnees. Un moteur
  d'interface utilisateur reside a l'interieur d'une cible et sert a
  surveiller les evenements a l'interieur du moteur d'interface utilisateur
  et de la plate-forme cible. Le moteur d'interface utilisateur repond
  egalement aux evenements par l'execution des elements marques a
  l'interieur de la base de donnees en entreprenant des actions specifiques
  a la plate-forme.

Detailed Description
... platforms with limited memory. The Parser 630
  generates five database files that will eventually be downloaded to the
  target platform by use with the User **Interface** Engine. EventGroupDB 635
  contains an array of the user defined events. lcondDB 640 is an image
  table containing indexes to the images and image data used by the cards
  and decks. StringDB 645 is the string **table** containing string data for
  use by the cards/decks.

  TokenDB 650 contains the tokenized decks/cards. FunctionDB 655 contains
  an enumeration equivalent of the functions...

00757118   **Image available**
SYSTEM AND METHOD FOR SEARCHING AND PROCESSING DATABASES COMPRISING NAMED ANNOTATED TEXT STRINGS
SYSTEME ET PROCEDE DE RECHERCHE ET TRAITEMENT DE BASES DE DONNEES COMPRENANT DES CHAINES DE TEXTES ANNOTEES ET IDENTIFIEES

Patent Applicant/Assignee:
  NANOGEN INC, 10398 Pacific Center Court, San Diego, CA 92121, US, US
    (Residence), US (Nationality)
Inventor(s):
  MACKE Thomas J, 4441 Escondido #4208, Las Vegas, NV 89119, US
  BUTLER William F, 8519 Sugarman Drive, La Jolla, CA 92037, US
  O'CONNELL James P, 166 Solana Point Circle, Solana Beach, CA 92075, US
Legal Representative:
  MURPHY David B, Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los
    Angeles, CA 90071-2066, US

English Abstract
  A system and method for processing and performing in-context searches on
  named annotated text string databases. Database searches are
  interactively refined to find similar phenomena described in different
  words. Searches produce Hit lists containing locations of search results.
  Hits lists are sorted and duplicate entries are discarded. Hits lists may
  be input into the search module to select those that match one or more
  search keys producing a Results Hits list. A Context Search module (14)
  accepts search key(s) (16), a Context Hits list (12), and a Target Hits
  list (13); and produces a Results Hits list (15) containing target
  matches found within the specified context. The output may be conditioned
  to add or remove annotations, remove base sub-strings or perform
  additional processing on the output hits. Data is extracted using a Hits
  list for display, or for conversion of the results into key words, to use
  in further searches.

French Abstract
  L'invention concerne un systeme et un procede de traitement de bases de
  donnees a chaines de textes annotees et identifiees, et de recherche et
  execution de recherche en contexte, dans ces bases. Ces recherches sont
  affinees de maniere interactive, afin qu'il soit possible de trouver des
  phenomenes similaires decrits dans differents mots, et elles produisent
  des listes d'occurrences contenant des emplacements de resultats de
  recherche. Les listes d'occurrences sont triees, les entrees en double
  etant supprimees, et elles peuvent etre entrees dans le module de
  recherche, afin qu'il soit possible de choisir celles qui correspondent a
  une ou plusieurs cles de recherche produisant une liste d'occurrences de
  resultats. Un module de recherche de contexte (14) accepte une (des)

cle(s) de recherche (16), une liste d'occurrences dans ce contexte (12)
ainsi qu'une liste d'occurrences cibles (13) et produit une liste
d'occurrences de resultats (15) contenant des correspondances cibles
trouvees dans le contexte specifie. Il est possible de mettre en forme le
resultat produit, afin d'ajouter ou enlever des annotations, enlever des
sous-chaines de base ou executer un traitement supplementaire sur les
occurrences produites. Les donnees sont extraites a l'aide d'une liste
d'occurrences destinee a l'affichage ou a la conversion de resultats en
mots cles a utiliser dans d'autres recherches.

Legal Status (Type, Date, Text)
Publication   20001123 A1 With international search report.
Examination   20010412 Request for preliminary examination prior to end of
                        19th month from priority date

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Claims

Claim
... source 1,293
  /organism="Anabaena variabilis"
  /db xref="taxon:117211
  68 CDS
  complement(<1..128)
  /note="xisA peptide A (alt.)11
  /codon-start=1
  /transl **table** =11
  /protein id="AAA22010.111
  /db xref=11PID:g14204511
  /db xref="GI:14204511
  52 /translation="QNQGQDKYQQAFADLEPLSStDGSFLGSSLQAQQQREI
  53 SAS'E"COUNT .... 77 ':ci .... 6 2'' d...

...ehits
  /19
  'T 108
  tart
  110
  Download New Genbank Release
  Build Filemap
  J- 112
  IF
  Build global index
  114
  Discard unneeded file (e.g. unannotated **files**)
  115
  Build Index and **Parsed** Skeleton **Files**
  115
  End
  t rt 116
  1 7
  Open Next Genbank Sequence File
  1 8
  Read next locus in file
  IF (- 19
  Store offset and lengt...308
  CU
  E
  E
  310

Hard Dis riv
A N 312
Remo 314
storage Unit
322
nte Removable
]Storage Unit
3 6 328
A
Communication
 Interface
324
rl A. INTERNATIONAL SEARCH REPORT lnt@ tional application No.
PCT/USOO/12592
A. CLASSIFICATION OF SUBJECT MATTM
IPC(6) G06F 17/30
US CL...

...and column 16
A US 5,404,295 A (KATZ et al.) 04 April 1995 (04 1995), column 1-4 1-22
A STEVENS, A. **Building** the Text Engine **Database** , Dr. Dobb's Journal,
February 1995, 1-16 Vol. 20, No. 2, pages 119 (6), all relevent. Further
documents are listed in the continuation of...

00831894
Decision support system for the management of an agile supply chain
**System zur Entscheidungsunterstutzung fur das Management einer flinken
    Versorgungskette**
**Systeme d'aide de decision pour la gestion d'une chaine de l'alimentation
    agile**
PATENT ASSIGNEE:
  PHILIPS ELECTRONICS N.V., (1489041), Groenewoudseweg 1, 5621 BA
    Eindhoven, (NL), (applicant designated states: DE;FR;GB)
INVENTOR:
  Schmidt, James D., c/o Int. Octrooibureau B.V., Prof. Holstlaan 6, 5656
    AA Eindhoven, (NL)
  Bakkalbasi, Omer, c/o Int. Octrooibureau B.V., Prof. Holstlaan 6, 5656 AA
    Eindhoven, (NL)
  Bhaskaran, Kumar, c/o Int. Octrooibureau B.V., Prof. Holstlaan 6, 5656 AA
    Eindhoven, (NL)
  Desiragu, Ramki, c/o Int. Octrooibureau B.V., Prof. Holstlaan 6, 5656 AA
    Eindhoven, (NL)
  Huang, Ying, c/o Int. Octrooibureau B.V., Prof. Holstlaan 6, 5656 AA
    Eindhoven, (NL)
  Krasinski, Ray, c/o Int. Octrooibureau B.V., Prof. Holstlaan 6, 5656 AA
    Eindhoven, (NL)
LEGAL REPRESENTATIVE:
  Peters, Rudolf Johannes (49051), INTERNATIONAAL OCTROOIBUREAU B.V., Prof.
    Holstlaan 6, 5656 AA Eindhoven, (NL)
PATENT (CC, No, Kind, Date):   EP 770967 A2 970502 (Basic)
                               EP 770967 A3 981230
APPLICATION (CC, No, Date):   EP 96202971 961024;
PRIORITY (CC, No, Date): US 5860 951026; US 8101 951030; US 12327 960227;
    US 22787 960730
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT EP 770967 A2
    A decision support system for the management of an agile supply chain
    that provides an architecture including a server side and a client side.
    The server side includes a decision support system database that
    interfaces with model engine that performs analysis of the data to
    support planning decisions. The server side includes a server manager
    that coordinates requests for service and information. The client side
    includes decision frames that present the various view points available
    in the system to the users. A frame manager coordinates the requests from
    decision support frames to access the needed data and models. The
    decision support frames provide a view into supply chain and integrate
    analytical models responsive to the view point of a business process such
    as demand management. The frames include a supply management frame, a
    demand management frame, a vendor managed replenishment frame, a
    Planning, Sales and Inventory planning frame and a distribution network
    design frame. The model engine includes a component procurement policy
    development module, a finished goods distribution network design module,
    an aggregate production planning module, a finished goods inventory
    management module, a sales forecasting and planning module, a market data
    analysis module, a vendor managed replenishment module and various
    utilities such as generic linear programming solvers and statistical
    analysis routines. The system also includes a demand and supply
    reconciliation process reconciling production, sales and inventory and
    reconciling a top-down forecast with a bottom-up forecast where an expert

based model is used for the bottom-up forecast. A capacity planning
process determines the feasibility of a capacity plan responsive to
supply constraints. A vendor managed replenishment process plans
inventory replenishment analysis and periods responsive to predicted
sales and supply constraints. A scenario management process associated
with all frames enables the user to analyze different hypothetical
scenarios for comparison of business plans. The frame manager includes a
system integrator and a functional integrator. A database management
system manages the supply and maintenance of information needed by the
modeling processes through the frame manager. A domain management process
limits data available to said frames responsive to a user selection.
ABSTRACT WORD COUNT: 347

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 970502 A2 Published application (A1with Search Report
                               ;A2without Search Report)
 Change: 970910 A2 Representative (change)
 Search Report: 981230 A3 Separate publication of the European or
                               International search report
 Examination: 990825 A2 Date of request for examination: 19990630
 Withdrawal: 991222 A2 Date of withdrawal of application: 19991022
LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   EPAB97   659
     SPEC A   (English)   EPAB97   45655
Total word count - document A   46314
Total word count - document B   0
Total word count - documents A + B   46314
INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION Load: Saved Scenarios are loaded.

   Edit: Saved Scenarios are modified.

   Delete: Saved Scenarios are deleted.
   A Scenario 78 can be used to update the DSS **Database** 12 when the user
who **generated** it is the owner of the data **table** that needs update.
The Supply Frame Chain Manager 24 maintains the data consistency across
the entire DSS 10 by restricting the update of the DSS Database 12.
Scenarios 78 have note fields to allow the user to **enter** free **form**
comments. Scenarios 78 should have a date stamp to indicate the time of
last modification. Scenarios 78 are typically defined within a frame and
are...

 11/5,K/11   (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00271637
Method and apparatus for determining a data base address.
Verfahren und Einrichtung um eine Datenbankadresse zu bestimmen.
Methode et dispositif pour determiner une adresse de banque de donnees.
PATENT ASSIGNEE:
 AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,
     (US), (applicant designated states: BE;DE;FR;GB;IT;NL;SE)
INVENTOR:
 Churm, Brian Richard, 1641 Leytonstone Drive, Wheaton Illinois 60187,
     (US)
 Diesel, Michael Evans, Post Office Box 502, Newark Illinois 60541, (US)

ABSTRACT EP 268373 A2
    A data hashing arrangement (100) particularly suitable for efficient
    database (105) storage and fast retrieval of large numbers of character
    strings. A database address is determined for a character string by
    replacing individual characters with random numbers selected from a
    predefined table (104) of random numbers. The table locations of the
    selected random numbers are uniquely defined by the characters. The
    selected numbers are combined by interactive bit reordering and
    exclusive-OR operations to form a result, which is then used to derive
    the database address where the character string is stored.
ABSTRACT WORD COUNT: 95

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 880525 A2 Published application (A1with Search Report
                            ;A2without Search Report)
 Search Report: 910911 A3 Separate publication of the European or
                            International search report
 Examination: 920422 A2 Date of filing of request for examination:
                            920221
 Examination: 920916 A2 Date of despatch of first examination report:
                            920804
 Grant: 931222 B1 Granted patent
 Change: 940223 B1 Representative (change)
 *Assignee: 940622 B1 Proprietor of the patent (name, address)
                            (change)
 Lapse: 940928 B1 Date of lapse of the European patent in a
                            Contracting State: NL 931222
 Lapse: 941026 B1 Date of lapse of the European patent in a
                            Contracting State: NL 931222, SE 931222
 Lapse: 941130 B1 Date of lapse of the European patent in a
                            Contracting State: BE 931222, NL 931222, SE
                            931222
 Oppn None: 941214 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	460
CLAIMS B	(German)	EPBBF1	475
CLAIMS B	(French)	EPBBF1	548
SPEC B	(English)	EPBBF1	2301
Total word count - document A			0
Total word count - document B			3784
Total word count - documents A + B			3784

INTERNATIONAL PATENT CLASS: **G06F-015/40**

...SPECIFICATION database address for the character string is derived as a
   deterministic function of the result.

A more detailed flow diagram of a portion of the **database** address **generation** program is shown in FIG. 3. The portion of the program shown in FIG. 3 would replace blocks 200, 210 and 220 of FIG. 2. Execution begins with block 301, where one or more keys are entered. Assume initially that a single key comprising 15 ASCII **characters** is **entered** , where each character is represented by an eight-bit byte. Execution proceeds to block 302 where a variable 1foldbit is initialized to zero. Execution then proceeds to decision block 303 **where** a **branch** is made depending on whether the key is a character array or a single character. Consistent with the assumption of a character array of 15...

...Then in block 311, an exclusive-OR combination is formed of the variable reg with the random number at the location of the random number **table** defined by the first character or byte of the key. In block 312, a determination is made as to whether there are more bytes of...
...the sequence of blocks 306 through 311 is repeated. Again a circular left shift by seven bits is performed on the 31 rightmost bits of **the** variable reg. In block 311, an exclusive-OR combination is formed of the variable reg with the random number at the location of the random number **table** defined by the second byte of the key. The process is iterated for each of the 15 bytes of the key. After the last byte...

...it is determined whether there are more keys yet to be processed. Consistent with the present example of a single key, execution proceeds to block **316** where the sign bit of the variable 1foldbit is masked. Then in block 317, the variable 1foldbit is copied to a memory address defined by...

11/5,K/12   (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00209269
Software structuring system and method by data table translation.
System   und   Verfahren   zur   Programmstrukturierung   durch
    Datentabellenubersetzung.
Systeme et methode de structuration de programmes par traduction de tables
    de donnees.
PATENT ASSIGNEE:
  HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
    100, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Sugino, Kazuhiro, Hachimanyama Apartment 523 1545 Yoshidacho, Totsuka-ku
    Yokohama, (JP)
  Tsuchiya, Noboru, Maeda Haitsu 9-924 511-2 Maedacho, Totsuka-ku Yokohama,
    (JP)
  Kamikubo, Tadamasa, 389 Mineokacho-3-chome, Hodogaya-ku Yokohama, (JP)
  Onari, Hisashi, 2798-18, Kosugayacho, Totsuka-ku Yokohama, (JP)
LEGAL REPRESENTATIVE:
  Patentanwalte Beetz - Timpe - Siegfried   Schmitt-Fumian - Mayr (100712)
    , Steinsdorfstrasse 10, D-80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 218258 A2   870415 (Basic)
                              EP 218258 A3   910502
                              EP 218258 B1   940105
APPLICATION (CC, No, Date):   EP 86114037 861010;
PRIORITY (CC, No, Date): JP 85224705 851011
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-009/44**
CITED REFERENCES (EP A):

1ST INTERNATIONAL CONFERENCE ON VERY LARGE DATA BASES, 1975, pages 1-24;
    M.M. ZLOOF: "Query-by-example: The invocation and definition of tables
    and forms"
PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON VERY LARGE DATA BASES,
    Cannes, 9th - 11th September 1981, pages 293-305; M. ADIBA: "Derived
    relations: A unified mechanism for views, shapshots and distributed
    data"
AFIPS CONFERENCE PROCEEDINGS, 1985 NATIONAL COMPUTER CONFERENCE, Chicago,
    15th - 18th July 1985, pages 481-491; S.B. YAO etal.: "Structured
    application generation using XDB"
IEEE SOFTWARE, vol. 2, no. 1, January 1985, pages 40-54, New York, US; E.
    HOROWITZ et al.: "A survey of application generators";

ABSTRACT EP 218258 A2
    System and method of designing and developing a table translation
software in which operation is performed on input data given in the form
of tables, and data resulting from the operation is also given in the
form of tables. The system includes an item input section (11) for
inputting items representative of attributes of data, relation input
section (12) for inputting inter-item relations for the inputted items,
an item and relation managing section (30) for holding and supplying the
inputted items and inter-item relations thereof, and relation indicating
section (13) for indicating the items and the inter-item relations
thereof held by the item and relation holding means. Software is designed
and developed with functions of the software being handled as translation
processes of the tables.
ABSTRACT WORD COUNT: 129

...SPECIFICATION of steps can be decreased by a factor of 1/15.)
  3. Intended Applications
    This language is intended for the processing of data in the **form** of a
table which forms **a** major proportion of the ·various production
management softwares. The matter in concern is primarily such kinds of
data processing in which tables on file are...
...the phased modification.
    It should be added that the language of concern has been developed

starting from the standpoint that the data processing through the
production management software **may be** regarded as a process for
translating an input table to an output table and is characterized by the
capability of easily describing the table translation. Further, this
language is intended to be applied to such data processing in which a
table in **files** occupying a major part of the production management
software are inputted **for** performing relatively simple calculations and
the output **tables** containing the results of the **calculation** are
returned to the associated files. This language can be easily understood
as compared with the conventional languages (COBOL, FORTRAN) and the
number of steps...

...e.g. the contents of commands can not be altered or modified). Further,
a relational type data base retrieving language bearing a similarity to
the **table** translation function is known. However, MIMS can not be used
for describing the logic involved in production or factory management.
Turning to Fig. 1, the...

11/5,K/14   (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00109987
**Method for making common blank form for a plurality of card images in a
data processing system.**
**Verfahren zur Herstellung eines gemeinsamen Blankoformulars fur mehrere
Kartenbilder in einem Datenverarbeitungssystem.**
**Methode pour produire un formulaire blanc commun pour plusieurs images en
cartes dans un systeme processeur de donnees.**
PATENT ASSIGNEE:
  FUJITSU LIMITED, (211460), 1015, Kamikodanaka Nakahara-ku, Kawasaki-shi
    Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Ikegami, Yoshiki, Rune Inagi, 714 153-2, Yanokuchi, Inagi-shi Tokyo 206,
    (JP)
  Sato, Yasuaki, 8-2, Matsugae-cho, Sagamihara-shi Kanagawa 228, (JP)
  Ishimaru, Mitsutoshi, Hirao-jutaku 21-403 1211, Hirao, Inagi-shi Tokyo
    206, (JP)
LEGAL REPRESENTATIVE:
  Fane, Christopher Robin King et al (30511), HASELTINE LAKE & CO. Hazlitt
    House 28 Southampton Buildings Chancery Lane, London, WC2A 1AT, (GB)
PATENT (CC, No, Kind, Date):   EP 106651   A2   840425 (Basic)
                               EP 106651   A3   870114
                               EP 106651   B1   920408
APPLICATION (CC, No, Date):   EP 83306143 831011;
PRIORITY (CC, No, Date): JP 82177803 821011
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-015/21 ;   G06F-015/40**
CITED PATENTS (EP A): US 3900834 A
CITED REFERENCES (EP A):
  INFORMATION PROCESSING 80, 1980, pages 469-473, North Holland Publishing
    Co., NL; S.P. DE JONG: "The system for business automation (SBA): a
    unified application development system"
  LARGE SCALE INTEGRATION: TECHNOLOGY, APPLICATIONS AND IMPACTS, FOURTH
    EUROMICRO SYMPOSIUM ON MICROPROCESSING AND MICROPROGRAMMING, Munich,
    DE, 17th-19th October 1978, pages 306-314, North-Holland Publishing
    Co., Amsterdam, NL; V. PLAVSIC et al.: "The utilization of controllable
    cyclic memory properties in non-numerical data processing";

ABSTRACT EP 106651 A2
   Method for making common blank form for a plurality of card images in a
data processing system.
   In a method for making a common blank form for a plurality of card
images (21, 22, ..., 21(min), 22(min), ...) belonging to a "box" (1,
1(min)) in a data processing system, fixed information and field
indicating information are written into a mode image buffer (83). The
content of the mode image buffer is displayed on a display unit (87). The
field indicating information written into the mode image buffer is
analyzed to make field definition information tables (T(sub 3), T(sub
6)), and a field name for each field is detected to make a field name
table (T(sub 7)). By sorting and merging the contents of the field
definition information tables and the field name table, a blank form is
made.
ABSTRACT WORD COUNT: 140

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 840425 A2 Published application (A1with Search Report
                              ;A2without Search Report)
 Search Report: 870114 A3 Separate publication of the European or
                              International search report
 Examination: 870819 A2 Date of filing of request for examination:
                              870618
 Examination: 880420 A2 Date of despatch of first examination report:
                      ·   880229
 Grant: 920408 B1 Granted patent
 Oppn None: 930331 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS B (English)   EPBBF1   539
     CLAIMS B (German)   EPBBF1   479
     CLAIMS B (French)   EPBBF1   612
     SPEC B   (English)   EPBBF1   4540
Total word count - document A   0
Total word count - document B   6170
Total word count - documents A + B 6170

INTERNATIONAL PATENT CLASS: **G06F-015/21** ...

... **G06F-015/40**

...SPECIFICATION to each column. The definitions are accomplished by
entering symbols, which indicate the length and type of each field
example.
   A form definition can be **constructed** , for presenting data from the
database together with constant elements (e.g. unvarying text labels). A
form is first graphically constructed with all the constant elements and
their locations. Then, example elements are **entered** in the **form** in
place of the variables (i.e. the data relating to the different
attributes of entries in the database from which the form is to take
data). The user must then define a new **table** to link the variables in
the form to the database.
   According to the present invention, there is provided a method for
making a blank form...

   11/5,K/25   (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00827944   **Image available**
DOCUMENT CREATION AND SCHEDULING OF APPLICATIONS' JOBS
CREATION DE DOCUMENTS ET GESTION DE TACHES LIEES A DES DEMANDES
Patent Applicant/Assignee:
  GOAMERICA INC, 401 Hackensack Avenue, Hackensack, NJ 07601, US, US
    (Residence), US (Nationality)
Inventor(s):
  WARNOCK Kevin L, 640 Mason Street, #605, San Francisco, CA 94108, US,
  WU John Shih-Jen, 400 Spear Street, #110, San Francisco, CA 94105, US,
Legal Representative:
  MARINA James E (agent), Winston & Strawn, 200 Park Avenue, New York, NY
    10166, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200161466 A1 20010823 (WO 0161466)
  Application: WO 2001US4872 20010216   (PCT/WO US0104872)
  Priority Application: US 2000505467 20000216
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-007/00**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 9957

English Abstract
  A document creation system (100) for providing an Internet service in
  which users (106-112) with browsers at remote locations can look for an
  appropriate document and format is provided. Such user
  fills-in-the-blanks and is returned a custom electronic document that can
  be printed or forwarded to another recipient. A document-creation
  webserver (102) attends to Internet browsers who log-on and look for a
  product. Such users (106-112) are qualified and handed-off to a
  job-master webserver (102). The hand-off provides metadata that was
  collected from the user (106-112), and schedules the job for the next
  available document processor. The jobs and metadata are stored in a
  database (136). Master documents are stored on disk (134). The document
  processor assigned to do the job collects the metadata from the database
  using a pointer provided in a job queue (132), and fetches a copy of the
  appropriate master document. The blanks in the master document copy are
  filled in using the metadata and/or other data, perhaps from a database
  (136), and the completed document is returned to the customer over the
  Internet (104).

French Abstract
  L'invention concerne un systeme de creation de documents (100) destine a
  fournir un service Internet, dans lequel un utilisateur (106-112) peut
  rechercher un document et un format appropries a l'aide d'un navigateur,
  depuis un emplacement distant. L'utilisateur remplit les blancs et recoit
  en retour un document electronique pouvant etre imprime ou transmis a un
  autre destinataire. Un serveur web de creation de documents (102) est mis
  a la disposition des internautes qui se connectent pour rechercher un
  produit. L'utilisateur (106-112) habilite est transfere a un serveur web
  de supervision des taches (102). Le systeme de transfert fournit des

metadonnees rassemblees par l'utilisateur (106-112) et organise les
taches pour le processeur de document disponible suivant. Les taches et
les metadonnees sont stockees dans une base de donnees (136). Des
documents-maitres sont stockes sur un disque (134). Le processeur de
doucment designe pour accomplir la tache rassemble les metadonnees de la
base de donnees en utilisant un pointeur place dans la file de taches
(132), et extraie une copie du document-maitre approprie. Les blancs dans
la copie du document-maitre sont remplis avec des metadonnees et/ou
d'autres donnees provenant eventuellement d'une base de donnees (136), et
le document termine est retourne au client par Internet (104).

Claim
... pages that are being viewed.
  DOCUMENT-FORMAT GENERATOR
  When an end-user accesses a document on website 102, information needed
  by the document must be **entered** into a document **form** . Such **form**
  comprises a mix of HTML and ASP code. When any information on the
  document form is submitted to the - 24 server, the ASP 120 processes the
  entered data and inserts it into a **table** in the database 136. These
  tables are specific to the documents, and include only the specific
  fields needed by the document for the information.
  A document generation process embodiment of the...

...WORD-file for the master document that includes mail-merge fields for
  population with the document data. Wordprocessor 128 then opens a
  connection to a **table** in the document database 136, and gets the
  document data for merging into the document. As a last step, the document
  file is saved. Document...

...user exposure to programming or scripting languages through an
  easy-to-use web interface. Content programmers can create the necessary
  components for automating documents, database **tables** , and even HTML/ASP
  document forms without needing SQL, HTML, or ASP programming skills or
  experience. Such can also be used to generate any merge...

...Clicking on a 25 question (in hypertext) preferably allows the content
  programmer to edit the details of the question. Options can include being
  able to **generate** the **database table** and basic A questions.asp
  screen preferably allows a content programmer to view or edit question
  details. Here the content programmer sets the question name, text, type,
  and default value.
  A results.asp screen **generates** a **database table** , WORD-template, and
  HTML/ASP document form. It then displays the results. Fig. 2 is a
  flowchart for a default.asp embodiment of the present...

...checks if a user has entered and a document has been selected. A
  subroutine 204 gets a list of document masters from document masters
  database **table** , displays a list of document masters on screen, displays

a submit button, displays a "new document master name" input field, and displays a list of...to convention, again control is redirected to default.asp 200 (Fig. 2). Subroutine 304 inserts any new document master data into a document masters database **table** . If a copy-question-set is true, question-set-information is copied to a document master questions database **table** . It 26 then selects the document master. A decision 306 looks to see if the existing document master has been selected. If so, a subroutine 308 retrieves document master information from document masters **table** , and then gets document master questions from the document master questions **table** . It displays (a) document master fields with document data, (b) an update information button, (c) a questions **table** with question links, (d) a new-question button, (e) a checkbox for each of " **generate - database - table** " and "HTML/ASP document form", and (f) a "submit-generate" button. A decision 3 1 0 checks to see if a "new-question" button has...

...an error message is displayed. If the form data is OK, the program continues, e.g., to update document master data in a document masters **table** . A decision 318 looks if generate button pressed, redirect to results.asp (Fig. 5). 5 Fig. 4 is a flowchart for a question.asp embodiment...

...default-question field values. A decision 406 checks if a question has been selected. A step 408 gets question data from a document-master questions **table** . A decision 4 1 0 checks if an "update-question" button has been pressed. If so, a step 412 updates or inserts question data into a document master questions **table** . A subroutine 414 displays the form, e.g., question fields with field name, question text, question type, question parameters, and default value. It also displays...

...a results.asp embodiment of the present invention, and is referred to herein by the general reference numeral 500. A decision 502 checks if a **generate database table** button has been selected. If so, a step 504 gets a list of questions for document master from document master questions **table** . A subroutine 506 builds an SQL-type command line that will create a **table** . The command string start is built with a SQL create **table** command and a name **table** with document master name. A program loop iterates through a question list. For each question a field name is added to the SQL command to...

...type and length is fetched, and appended to the SQL command. The SQL command is closed. And the SQL command is executed to create the **table** . A decision 508 checks if the "generate HTML/asp document form" has been selected. If so, control passes to a generate HTML/ASP document program ...

...write file includes to text file. A subroutine 606 writes variable definitions. It gets a list of questions for document master from document master question **table** for each question. Then it writes a variable definition using field name. A step 608 writes a main subroutine to text file, this subroutine controls...

...0 writes a submit-doc-values subroutine that will insert any document form values into the database. It then writes commands to update a documents **table** which tracks the document created by each user. 1 5 It also writes commands to update a document specific **table** that holds any data **entered** into the document **form** . Step 610 gets a list of questions for the document master from document master question **table** . For each question, a variable cleanup routine is run which removes illegal input, e.g., input that is too long is truncated. Also for each

question, the variable is added to an SQL statement that inserts data into a document-specific **table** . A step 612 writes a get-doc-values subroutine that retrieves and populates form fields with past values. Such is used for a "reused past...

...form. If not, the rest of subroutine 612 is skipped. Commands are then written automatically to retrieve past answers using document ID from document specific **table** . Document values are assigned to the form-variables. A list of questions for document master is retrieved from the document master question **table** . Then for each question, a document value assignment is written to the form-variable. A get-default-values subroutine 614 writes a routine that assigns document variables default values if no values have been assigned. A list of questions is retrieved for the document master from a document master question **table** along with any default values. For each question, a default value assignment is written to form the variable. A write HTML form code subroutine 616 gets document master information from document masters **table** . It writes - 28 HTML header information including title and keywords. Any document description and instructions are written. Sponsorship banners from documents under license and companies **table** are retrieved for use. The HTML-code for including the ...is a flowchart for the "writes the HTML for the document form" part of the results.asp 600 (Fig. 6). A step 702 creates a **table** , and gets a list of questions for document master from document master question **table** . For each question, it creates a I 0 row, writes question text, and writes an input field HTML. An end **table** mark is made. A check is made to see if the document master has a disclaimer statement, and if not, writes the necessary HTML to...20 The wizard of claim 19, wherein:
the results.asp files produces a resulting document that queries a third-party for information that must be **entered** into a document **form** which comprises a mix of HTML and ASP code, and wherein said information is later submitted to a server for processing any entered data and inserts such into a **table** in the **database** .
I 0

21 A document **generator** for rapid development and implementation of automated documents for a website, comprising:
a webserver for connection to the Internet;
an active server pages (ASP) server...

...text strings, a type, and a default value; and
a results.asp file included in the -plurality of ASP-type files that generates a database **table** , a WORD-template, and an HTML/ASP document form, and that causes such to be displayed on-screen to a user with an Internet-client...

...programming and scripting languages is
minimized though an easy-to-use web interface, and content programmers can create the necessary components for automating documents, database **tables** , and HTML/ASP
document forms without needing SQL, HTML, or ASP programming skills or experience, and further where such can be used to generate any...

 11/5,K/41   **(Item 27 from file: 349)**

00742382   **Image available**
AUTOMATED PROFILER SYSTEM FOR PROVIDING MEDICAL INFORMATION TO PATIENTS

SYSTEME D'ETABLISSEMENT AUTOMATIQUE DE PROFILS PERMETTANT DE FOURNIR DES INFORMATIONS MEDICALES A DES PATIENTS

Patent Applicant/Assignee:
  CANCERFACTS COM L L C, 1700 Westlake Avenue North, #100, Seattle, WA
    98109, US, US (Residence), US (Nationality)
Inventor(s):
  MAHRAN Howard E, 28028 NE 153 Place, Duvall, WA 98019, US,
Legal Representative:
  PISANO Nicola A (et al) (agent), Fish & Neave, 1251 Avenue of the
    Americas, New York, NY 10020, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200055751 A1 20000921 (WO 0055751)
  Application: WO 2000US6625 20000314   (PCT/WO US0006625)
  Priority Application: US 99268122 19990315
Designated States: AU CA JP
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: **G06F-159/00**
International Patent Class: **G06F-015/42** ;   **G06F-017/30** ;   **G06F-159/00** ;
  H03M-011/02
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 16781

English Abstract
  Apparatus and methods are disclosed for generating individualized medical
  profiles based on information provided by a patient(210), and on data
  extracted from medical literature (206), in a first stage, medical
  literature (206) is selected for inclusion in a database (22) by using
  specified inclusion criteria. Information on input parameters (44) of the
  studies, and algorithms contained in the studies is extracted from the
  literature, and stored in a database (22). In a second stage, patients
  provide information (210), which is matched against the input parameters
  (44) of the studies in the database (22), and algorithms from the matched
  studies are applied to the information provided by the patient to produce
  values for the output parameters (45). Combination analysis is used to
  combine the values of output parameters into "super-category" values,
  that are used to generate an individualized medical profile.
French Abstract
  L'invention concerne un appareil et un procede permettant de generer des
  profils medicaux personnalises sur la base d'informations fournies par un
  patient (210), et de donnees extraites de publications medicales (206).
  Dans un premier temps, des publications medicales (206) sont
  selectionnees et introduites dans une base de donnees (22) a l'aide d'un
  critere d'introduction specifie. Des informations sur les parametres (44)
  permettant d'entrer dans des etudes contenues dans les publications, des
  parametres de sortie de ces etudes, et des algorithmes contenus dans les
  etudes sont extraits des publications et stockes dans une base de donnees
  (22). Dans un deuxieme temps, des patients fournissent des informations
  (210) qui sont appariees aux parametres d'entree (44) des etudes dans la
  base de donnees (22), et les algorithmes des etudes appariees sont
  appliquees aux informations fournies par le patient pour produire des
  valeurs pour les parametres de sortie (45). On utilise une analyse par
  association pour combiner les valeurs des parametres de sortie en valeurs
  de "super categorie", lesquelles sont utilisees pour generer un profil
  medical personnalise.

Legal Status (Type, Date, Text)
Publication   20000921 A1 With international search report.

Publication   20000921 Al Before the expiration of the time limit for
                             amending the claims and to be republished in the
                             event of the receipt of amendments.
Examination   20001207 Request for preliminary examination prior to end of
                             19th month from priority date
Rev Srch Rpt   20010308 Late publication of revised international search
                             report
Republication   20010308 Al With international search report.

Main International Patent Class: **G06F-159/00**
International Patent Class: **G06F-015/42** ...

... **G06F-017/30** ...

... **G06F-159/00**
Fulltext Availability:
  Detailed Description

Detailed Description
... information on
  20 comorbid issues.

  When the user selects a form, the system
  generates and displays the selected form at step 262 by
  using a **table** in **database** 22 that has been **constructed**
  for each form. This **table** (not shown) contains the
  25 identifiers of each of the input parameters to be
  included in the form, and the order in which the input
  parameters are to be displayed in the **form** . For each
  of the **input** parameters, the system displays the name
  of the parameter (retrieved from name field 57 of the
  30 input parameter), and an input box for the parameter,
  which may contain the current value (if any) of the
  input parameter. The **input** box is displayed in the
   form by executing the display code for the parameter,
  retrieved from display code field 61. If a value for
  the parameter is displayed, it may be...

...to
  first execute the parameter's reconstruction code,
  retrieved from reconstruction code filed 63. This
  process is repeated for each parameter in the selected
  5 **form** .

  At step 263, the user **enters** values for the
  input parameters. For each input parameter value
  entered, the validation code for the parameter
  retrieved from validation code field 62 is executed...

 11/5,K/42   **(Item 28 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00739252   **Image available**
**INTELLECTUAL PROPERTY ASSET MANAGER (IPAM) FOR CONTEXT PROCESSING OF DATA
     OBJECTS**
**GESTIONNAIRE   D'ACTIF DE PROPRIETE INTELLECTUELLE POUR LE TRAITEMENT
     CONTEXTUEL D'OBJETS DE DONNEES**
Patent Applicant/Assignee:

AURIGIN SYSTEMS INC, 10710 North Tantau Avenue, Cupertino, CA 95014-0717,
    US, US (Residence), US (Nationality)
Inventor(s):
  RIVETTE Kevin G, 2165 Waverley Street, Palo Alto, CA 94303, US,
  RAPPAPORT Irving S, 1500 Edgewood Drive, Palo Alto, CA 94303, US,
  HOHMANN Luke, 306 Windmill Park Lane, Mountain View, CA 94043, US,
  PUGLIA David, 17429 East Vineland Avenue, Los Gatos, CA 95030, US,
  DEWOLFE Andrew S, 242 Acalanes Drive #11, Sunnyvale, CA 94086, US,
  GORETSKY David, 272 Waverly Street, Sunnyvale, CA 94086, US,
  JACKSON Adam, 1063 Morse Avenue #7-107, Sunnyvale, CA 94089, US,
  KUROWSKI Scott, 1038 Corvette Drive, San Jose, CA 95129, US,
  PARK Brian, 2636 Ponce Avenue, Belmont, CA 94002, US,
  RABB Charles Jr, 730 East Evelyn #638, Sunnyvale, CA 94086, US,
  ROSENQUIST Brent, 1668 Kennard Way, Sunnyvale, CA 94087, US,
  SCHNITZ Matthew, 2558 Mardell Way, Mountain View, CA 94043, US,
  SMITH David W, 3 Morning Sun Court, Mountain View, CA 94043, US,
  PARADAN Thierry, 1058 Paintbrush Drive, Sunnyvale, CA 94086, US,
  BASHSHUR Noura, 306 Windmill Park Lane, Mountain View, CA 94043, US,
Legal Representative:
  LEE Michael Q (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C.,
    Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200052618 A2-A3 20000908 (WO 0052618)
  Application: WO 2000US5080 20000229 (PCT/WO US0005080)
  Priority Application: US 99260079 19990302
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 39714

English Abstract
  Context data processing is described herein. One or more contexts are
  selected. Each context includes one or more attributes, and a plurality
  of data objects that satisfy the attributes. A list of data objects
  contained in the selected contexts is displayed. At least some of the
  data objects in the selected contexts are processed. Such processing may
  involve generating claim trees, citation trees, and data object families,
  which may be displayed using hyperbolic trees. In an embodiment, the
  contexts are groups. In other embodiment, the contexts are each
  associated with a data object type. In this latter embodiment, the
  contexts include data objects of their respective data object types.

French Abstract
  L'invention concerne le traitement de donnees contextuelles. On choisit
  au moins un contexte. Chaque contexte renferme plusieurs attributs, ainsi
  que plusieurs donnees qui satisfont a ces attributs. Une liste d'objets
  de donnees contenus dans les contextes choisis est presentee. Plusieurs
  objets de donnees des contextes choisis sont traites, ce qui peut
  impliquer la creation d'arborescences de revendications et de citations,
  ainsi que des familles d'objets de donnees que l'on peut presenter a

l'aide d'arborescences hyperboliques. Dans un mode de realisation, chaque contexte est associe a un type d'objet de donnees. En l'occurrence, les contextes renferment des objets de donnees de leurs types d'objets de donnees respectifs.

Legal Status (Type, Date, Text)
Publication   20000908 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20001207 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20010426 Late publication of international search report
Republication   20010426 A3 With international search report.
Search Rpt   20010426 Late publication of international search report
Correction   20020131 Corrected version of Pamphlet: pages 1/99-99/99,
                         drawings, replaced by new pages 1/93-93/93; due to
                         late transmittal by the receiving Office
Republication   20020131 A3 With international search report.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... is any user who has been designated as a person capable of creating
  and editing forms.

  t7l C@
  In step 8206, one or more relational **database**   **tables**   are   **created**
  for the
   form , if necessary. Information **entered** into the **form**   created in
  step 8204 will be stored in these database **tables** . These **database**
  tables   mav be **created**   bv the
  form creator or by some other user, such as but not limited to a system
  administrator.

  In step 8208, the form **creator**   selects one or more relational **database**

   tables   for storing the information that is to be **entered**   into the
  form . The selected database **tables**   may include, for example, one or
  more of the **tables**   created in step 8206, and/or other **database**
  tables   **created**   at other times.
  In step 82 1 0, the form creator assigns one or more fields (columns)
  from the selected relational database tables to each...

Claim
... creator logs into the system and creates a form to capture the data
  they are intereste n capturing. The invention supports several different
  types of **form**   **input**   widgets, including radio buttons (choose one from
  many items), text input fields, check boxes (represents "Yes/No" or
  "True/False") and so forth. The **form** -creator explicitly or implicitly
  associates **input**   widgets with the back-end database **tables**   stored on
  the server. Even the meta-content of the tabTes may be stored with the
  form, allowing for the use of sophisticated data mining...

...form-creator to control what the annotation-creator sees while the
  annotationcreator is using the form. Examples of such operations would
  include "edit checks" on **input**   fields (e.g., the **form** -creator could
  specify that an annotation-creator must enter in a number between 0 and
  100 when **entering**   data into the **form**). The **form** -creator associates

the form with a pen or other annotation mechanism. This is part of a
publishing" process in which the form-creator would also...

...The user enters the appropriate information and the system stores this
information in the appropriate location. The information is stored as
specified s of database **tables** .
Identify information of intere %qo@
%406
  Create new **database**   tables , if ne 1609
e ect one or more ata a
pec columns in database **tables** where information extracted from data
objects is to be stored
-@@ '@@A
Receive a data object
ILI
Determine type of data object Vku
@fbom data
tore...

 11/5,K/46   (Item 32 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00450340
DISTRIBUTED RELATIONAL DATABASE
BASE DE DONNEES RELATIONNELLES REPARTIE
Patent Applicant/Assignee:
  SIEBEL SYSTEMS INC,
  BRODERSEN Robert S,
  CHATTERJEE Prashant,
  LIM Peter S,
Inventor(s):
  BRODERSEN Robert S,
  CHATTERJEE Prashant,
  LIM Peter S,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9840804 A2 19980917
  Application: WO 98US3569 19980224   (PCT/WO US9803569)
  Priority Application: US 9739173 19970226
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
  MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ
  VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
  DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR
  NE SN TD TG
Main International Patent Class: **G06F-017/30**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12905

English Abstract
  Method of and apparatus for collecting, storing, and retrieving data in
  a database management system. The database management system has an
  enterprise server and at least one workgroup user client. The method
  includes creating a transaction in a local database resident on said
  workgroup user client, entering the transaction into a transaction log
  resident on the workgroup user client, and creating a transaction file
  corresponding to the transaction log in an outbox of the workgroup user

client. The workgroup user client transaction log is read, skipping those transactions which originate at the enterprise server, data files are created corresponding to the entries. The data files corresponding to transactions originating at the workgroup user client are read to an inbox on the enterprise server, thus updating the transactions into an enterprise database on the enterprise server.

French Abstract
   L'invention concerne un procede et un appareil de collecte, de stockage et d'extraction de donnees dans un systeme de gestion de base de donnees. Le systeme de gestion de base de donnees comprend un serveur d'entreprise ainsi qu'au moins un client utilisateur d'un groupe de travail. Le procede consiste a creer une transaction dans une base de donnees locale residant chez le client utilisateur du groupe de travail, a entrer la transaction dans un releve de transactions residant chez le client utilisateur du groupe de travail, et a creer un ficher de transactions correspondant au releve de transactions dans une corbeille de depart du client utilisateur du groupe de travail. Le releve de transactions du client utilisateur du groupe de travail est lu, sautant les transactions ayant comme depart le serveur de l'entreprise et des fichiers de donnees sont crees en correspondance avec les entrees. Les fichiers de donnees correspondant aux transactions provenant du client utilisateur du groupe de travail sont lus dans une corbeille d'entree du serveur de l'entreprise, mettant ainsi a jour les transactions dans une base de donnees d'entreprise dans le serveur de l'entreprise.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
   Detailed Description

Detailed Description
...   database in a database management
   system. The database management system has an enterprise server and at least one workgroup user client. The method starts by **creating** a transaction in a local **database** resident on the workgroup user client, entering the transaction into a transaction log resident on the Figure 3 depicts steps performed by an update manager...

...c, responsive to user input. Execution
   of update manager 31 begins in step 101. In step 103, the update manager 31 accepts from the user **input** 33 in the **form** of a command requesting that the data in database 23 be altered. The request may be in the form of a request to delete a row of a **table** , to add a row to a **table** , or to change the value of a cell at a particular column of a particular row in a **table** . In step 105, using a well-known means, the update manager 31 applies the requested update to database 23. In step 107, the update manager...

 11/5,K/48   **(Item 34 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00307851
DATABASE QUERY SYSTEM
SYSTEME D'INTERROGATION DE BASES DE DONNEES
Patent Applicant/Assignee:
   SOFTWARE AG,
   SHWARTZ Steven P,
Inventor(s):

SHWARTZ Steven P,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9526003 A1 19950928
  Application: WO 95IB517 19950323 (PCT/WO IB9500517)
  Priority Application: US 94217099 19940324
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
  JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD
  SE SI SK TJ TT UA US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE
  IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 23878

English Abstract
  A database query system includes a query assitant that permits the user
  to enter only queries that are both syntactically and semantically valid
  (and that can be processed by an SQL generator to produce semantically
  valid SQL). Through the use of dialogue boxes, a user enters a query in
  an intermediate English-like language which is easily understood by the
  user. A query expert system monitors the query as it is being built, and
  using information about the structure of the database, it prevents the
  user from building semantically incorrect queries by disallowing choices
  in the dialogue boxes which would create incorrect queries. An SQL
  generator is also provided which uses a set of transformations and
  pattern substitutions to convert the intermediate language into a
  syntactically and semantically correct SQL query. The intermediate
  language can represent complex SQL queries while at the same time being
  easy to understand. The intermediate language is also designed to be
  easily converted into SQL queries. In addition to the query assistant and
  the SQL generator, an administrative facility is provided which allows an
  administrator to add a conceptual layer to the underlying database making
  it easier for the user to query the database. This conceptual layer may
  contain alternate names for columns and tables, paths specifying standard
  and complex joins, definitions for virtual tables and columns, and
  limitations on user access.

French Abstract
  Un systeme d'interrogation de bases de donnees comprend un systeme
  d'aide d'interrogation permettant a l'utilisateur de n'entrer que les
  interrogations a la fois syntaxiquement et semantiquement correctes (et
  pouvant etre traitees par un generateur de langage d'interrogation
  structure (SQL) afin de produire un SQL semantiquement correct). Le fait
  d'utiliser des cadres de dialogue permet a l'utilisateur d'entrer une
  interrogation dans un langage intermediaire de type anglais facilement
  compris par l'utilisateur. Un systeme expert d'interrogation controle
  l'interrogation a mesure qu'elle est formulee, et a l'aide d'informations
  relatives a la structure de donnees, il empeche l'utilisateur d'elaborer
  des interrogations semantiquement incorrectes en interdisant des choix
  dans les cadres de dialogues, lesquels creeraient des interrogations
  incorrectes. On a egalement prevu un generateur SQL, il utilise un
  ensemble de transformations et de substitutions de configuration afin de
  convertir le langage intermediaire en une interrogation SQL
  syntaxiquement et semantiquement correcte. Le language intermediaire peut
  representer des interrogations SQL complexes tout en etant simultanement
  facile a comprendre. Ledit langage intermediaire est egalement concu pour
  etre converti facilement en interrogations SQL. Outre le systeme d'aide
  d'interrogation et le generateur SQL, on a prevu une unite de gestion
  permettant a un administrateur d'ajouter une couche conceptuelle a la

base de donnees sous-jacente, facilitant a l'utilisateur l'interrogation
de la base de donnees. Cette couche conceptuelle peut contenir differents
noms de colonnes et de tables, des voies specifiant des raccordements
classiques et complexes, des definitions de tables et de colonnes
virtuelles, ainsi que des limitations d'acces utilisateur.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... language query tool. A natural language menu system pairs a menu
    interface with a particular type of natural language processor. Rather
    than allowing users to **input** free- **form** natural language, a
    context-free grammar is created that defines a formal query language.
    Rather than inputting queries through a command interface, however, users
    generate...

...easily understood by the user. A Query Expert system monitors the query
    as it is being built, and using information about the structure of the
    database , it prevents the user from **building** semantically incorrect
    queries by disallowing choices in the dialog boxes which Brief
    Description of the Drawings Figs, 1 A to 1G are **tables** of a sample
    database used in the examples in the specification.

01349502
**Wireless communication device with markup language based man-machine
    interface**
**Drahtloses   Kommunikationsgerat   mit   auf   HTML   basierter
    Mensch-Maschinen-Schnittstelle**
**Dispositif de communication sans fil a interface homme-machine qui utilise
    un langage de balisage**
PATENT ASSIGNEE:
  Geoworks Corporation, (2558590), 960 Atlantic Avenue, Alameda, CA 94501,
    (US), (Applicant designated States: all)
INVENTOR:
  De Boor, Adam, 909 Marina Village Parkway, Alameda, California 94501,
    (US)
  Eggers, Michael D., 2160 La Cuesta Avenue, Oakland, California 94611,
    (US)
LEGAL REPRESENTATIVE:
  McLeish, Nicholas Alistair Maxwell et al (74621), Boult Wade Tennant
    Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)
PATENT (CC, No, Kind, Date): EP 1152333 A2   011107 (Basic)
APPLICATION (CC, No, Date):   EP 2001202427 990407;
PRIORITY (CC, No, Date): US 57394 980408
DESIGNATED STATES: DE; DK; FI; FR; GB; IT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 1070288 (EP 99917360)
INTERNATIONAL PATENT CLASS: **G06F-009/44 ;   G06F-017/30**

ABSTRACT EP 1152333 A2
    A system, method, and software product provide a wireless
communications device with a markup language based man-machine interface.
The man-machine interface provides a user interface for the various
telecommunications functionality of the wireless communication device,
including dialing telephone numbers, answering telephone calls, creating
messages, sending messages, receiving messages, establishing
configuration settings, which is defined in markup language, such as
HTML, and accessed through a browser program executed by the wireless
communication device. This feature enables direct access to Internet and
World Wide Web content, such as Web pages, to be directly integrated with
telecommunication functions of the device, and allows Web content to be
seamlessly integrated with other types of data, since all data presented
to the user via the user interface is presented via markup language-based
pages. The browser processes an extended form of HTML that provides new
tabs and attributes that enhance the navigational, logical, and display
capabilities of conventional HTML, and particularly adapt HTML to be
displayed and used on wireless communication devices with small screen
displays. The wireless communication device includes the browser, a set
of portable components, and portability layer. The browser includes
protocol handlers, which implement different protocols for accessing
various functions of the wireless communication device, and content
handlers, which implement various content display mechanisms for fetching
and outputting content on a screen display.
ABSTRACT WORD COUNT: 222
NOTE:
  Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 011107 A2 Published application without search report
 Assignee: 030102 A2 Transfer of rights to new applicant: ACCESS

CO., LTD. (1735215) Hirata Building, 3F. 2-8-16
Sarugaku-Cho Chiyoda-Ku Tokyo 101-0064 JP
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200145	163
SPEC A	(English)	200145	33336
Total word count - document A			33499
Total word count - document B			0
Total word count - documents A + B			33499

INTERNATIONAL PATENT CLASS: **G06F-009/44** ...

... **G06F-017/30**

...SPECIFICATION content stream for the page is passed to the underlying
HTML parser to be interpreted as HTMLp code. The parser will create
windows, and user **interface** entities as needed, and wrap text and
update and assign softkeys 130 as necessary. When the page has been
completely parsed, it is displayed to the user. In creating the user
interface entities, the **HTML parser** establishes a **table** of
associations between the user **interface** elements (including keys 132,
softkeys 130, menu items, and the like) and URLs (whether local or
remote) bound to these entities. The association identifies each
particular user **interface** entity, and a URL that is to be fetched if
the entity is selected or otherwise activated by the user. These
associations are used when...

 14/5,K/5   (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00826396
Entity management system
Verwaltungssystem fur verbundene Einheiten
Systeme de gestion d'entite
PATENT ASSIGNEE:
  DIGITAL EQUIPMENT CORPORATION, (313081), 111 Powdermill Road, Maynard
    Massachusetts 01754-1418, (US), (applicant designated states:
    AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
  Rogers, Dennis, 593 Main Street, Leominster, MA 01453, (US)
  Smith, Danny L., 21, Alvanos Road, Haverhill, MA 01830, (US)
  O'Brien, Linsey B., 62 Garden Road, Wellesley, MA 02181, (US)
  Ross, Robert R.N., 29 Hodges Street, Mansfield, MA 02048, (US)
  Schuchard, Robert C., 183 Cashman Hill Road,, Ashburnham, MA 01430, (US)
  Chan-Lizardo, Christine C., 255 North Road, Unit 22, Chelmsford, MA 01824
    , (US)
  Callander, Jill F., 4 Vinal Street, Hudson, MA 01749, (US)
  Goldfarb, Stanley I., 9 Appleton Drive, Hudson, MA 01749, (US)
  Fehskens, Leonard G., 293 Turnpike Road, 403E, Westboro, MA 01581, (US)
  Rosenbaum, Richard L., 170 Heald Street, Pepperell, MA 01363, (US)
  Namoglu, Sheryl E., 65 Francestown Turnpike, Mont Vernon, NH 03052, (US)
  Sylor, Mark W., 168 Harris Road, Nashua, NH 03062, (US)
  Seger, Mark J., 52 Brown Road, Harvard, MA 02451, (US)
  Lemmon, James L., Jr., 6 Flintlock Road, Leominster, MA 02453, (US)
  Shurtleff, David L., 112 Prescot Road, Boxborough, MA 01719, (US)
  Strutt, Colin, 14 Crusade Road, Westford, MA 01886, (US)
  Trasatti, Philip J., 3 Birch Hill Road, Brokkline, NH 03033, (US)

Adams, William C., Jr., 124 Main Street, Topsfield, MA 01983, (US)
Dixon, Timothy M., Longfield, Goring Road, Woodcote, Reading RG8 0QD,
    (GB)
Koning, G. Paul, 4 Parker Road, Brookline, NH 03033, (US)
Chapman, Kenneth W., 8 Briardwood Drive, Nashua, NH 03063, (US)
Nelson, Kathy Jo, 21 Hyacinth Drive, Nashua, NH 03062, (US)
Fletcher, Douglas R., 208 Howard Street, Lunenburg, MA 01462, (US)
Kohls, Ruth E.J., 30 Oneida Road, Acton, MA 01720, (US)
Wong, Steven K., 8 Pecos Circle, Chelmsford, MA 01824, (US)
Dang, Reena, 4 Butterfield Road, Lexington, MA 02173, (US)
Moore, Allan B., 93 River Street, Acton, MA 01720, (US)
Navkal, Anil V., 19 Assabet Street, Maynard, MA 01754, (US)
England, Benjamin M., 40 William Avenue, Haverhill, MA 01831, (US)
Sankar, Arundahati G., 8 Bellhaven Drive, Andover, MA 01810, (US)
Plouffe, Gerard R., 26 Corburn Woods, Nashua, NH 03063, (US)
Roberts, D. Keith, 6 Bancroft Street, Pepperell, MA 01463, (US)
Guertin, Matthew W., 9 Myrtle Avenue, Westford, MA 01886, (US)
Koch, Pamela J., 31 Sullivan Road, Hudson, NH 03051, (US)
Burgess, Peter H., 48 First Street, Rings Island, Salisbury, MA 01952,
    (US)
Rosenberg, Jeff, 55 Lyndhaven Road, Leominster, MA 01453, (US)
Densmore, Michael, 15 Douglas Road, Chelmsford, MA 01824, (US)
Hupper, Theodore F., 787 Pleasant Street, Marlborough, MA 01752, (US)
Aronson, David, 219 Weld Street, Boston, MA 02131, (US)
Zolfonoon, Riaz, 9 Beaujolais Drive, Nashua, NH 03062, (US)
LEGAL REPRESENTATIVE:
  Charig, Raymond Julian et al (79692), Eric Potter Clarkson, Park View
    House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)
PATENT (CC, No, Kind, Date):   EP 767427   A2   970409 (Basic)
                               EP 767427   A3   980128
APPLICATION (CC, No, Date):   EP 96203153 890913;
PRIORITY (CC, No, Date): US 244691 880913; US 244503 880913; US 244834
    880913; US 244742 880913; US 244114 880913; US 244845 880913; US 244919
    880913; US 244851 880913; US 244730 880913; US 244850 880913; US 244495
    880913; US 402391 890907
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 441798   (EP 899108054)
INTERNATIONAL PATENT CLASS: **G06F-009/46** ; **G06F-015/16** ; **G06F-009/44**

ABSTRACT EP 767427 A2
    A system for managing an assemblage of entities. The entities interface
within the assemblage for control of primary information handling
functions and further interface with the system to permit the carrying
out of management functions. The system includes management modules
adapted to carry out management functions by independently interpreting
and executing commands, a kernel including a table of dispatch pointers
for directing the commands to the respective modules in which they are to
be interpreted and executed, and an enroller for enrolling new modules
into the system by adding further pointers to the table. In addition, the
system includes: a module adapted to independently interpret and execute
selected management-related commands; stored records relating to accessed
management information, each record indicating an associated time; an
information manager, responsive to commands having a time schedule, for
retrieving information from the records or accessing information from the
entities, including a scheduler for issuing subsidiary accesses or
retrievals at possibly multiple times according to the schedule; storage
containing domain information defining groups of entities, where the
kernel may issue a commands to a group by issuing individual commands to
appropriate modules; a common command syntax including fields for
identifying the entity and the operation to be performed; a module that

stores rules identifying alarm conditions, including a generator for
generating rules and an alarm detector for detecting an alarm condition
in response to the rules; a module adapted to carry out self-management
functions by interpreting and executing commands.
ABSTRACT WORD COUNT: 245

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	590
SPEC A	(English)	EPAB97	22894
Total word count – document A			23484
Total word count – document B			0
Total word count – documents A + B			23484

INTERNATIONAL PATENT CLASS: **G06F-009/46** ...

... **G06F-015/16** ...

... **G06F-009/44**

...SPECIFICATION its dispatch specification (Fig. 3E) into the dispatch
 table 24.

  3. User Interface Information
   The presentation modules 10 use the display information in the user
 interface information file 29 to determine, first, whether to display an
 entity, attribute, directive, and so forth, and, second, what to display.
 The user **interface** information **file** 29 forms a **parse   table** that,
 in response to a command by an operator at a terminal, enables the
 presentation module 10 receiving the command to parse the command using
 ...information is available from a reorganization of the Data Dictionary,
 for expansion of wildcards, instance data can be obtained from the
 Configuration Database. Thus the **parse   tables** in the user **interface**
 information **file** can consolidate directive and entity class, making the
 parsing of user input computationally more efficient.
   The above example also applies to a graphical or menu...

...subsidiary requests which are copies of requests which it receives from
 the dispatcher 16. In that embodiment, the presentation module 10 that
 receives the command, **parses** the command using the **parse   table** in
 the user **interface** information **file** 29 to derive codes corresponding
 to the codes for the request, entity and attributes of the access module

12 defined in a management specification, which...

14/5,K/6   (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00687794
METHOD AND APPARATUS FOR THE MODELING AND QUERY OF DATABASE STRUCTURES USING NATURAL LANGUAGE-LIKE CONSTRUCTS
VERFAHREN UND GERAT ZUR MODELLIERUNG UND ABFRAGE VON DATENBANKENSTRUKTUREN MIT NATURLICHEN SPRACHARTIGEN KONSTRUKTIONEN
PROCEDE ET APPAREIL POUR LA MODELISATION ET L'INTERROGATION DE STRUCTURES DE BASE DE DONNEES A L'AIDE DE CONSTRUCTIONS SEMBLABLES AU LANGAGE NATUREL
PATENT ASSIGNEE:
  MICROSOFT CORPORATION, (749861), One Microsoft Way, Redmond, Washington
    98052-6399, (US), (Proprietor designated states: all)
INVENTOR:
  HARDING, James, Allan, 3516 - 234th Avenue, S.E., Issaquah, WA 98027,
    (US)
  McCORMACK, Jonathan, Ian, 7661 Coal Creek Parkway, S.E., Renton, WA 98059
    , (US)
LEGAL REPRESENTATIVE:
  Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
    , Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 715739 A1   960612 (Basic)
                               EP 715739 A1   980401
                               EP 715739 B1   020213
                               WO 9506292 950302
APPLICATION (CC, No, Date):   EP 94927247 940824; WO 94US9658 940824
PRIORITY (CC, No, Date): US 112852 930825
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: **G06F-017/30 ; G06F-017/40**
CITED PATENTS (EP B): EP 522591 A; WO 92/16906 A; US 4829427 A; US 5088052
  A; US 5175814 A; US 5197005 A; US 5247666 A; US 5257365 A; US 5301313 A
CITED REFERENCES (EP B):
  BOGDAN CZEJDO ET AL: "A GRAPHICAL DATA MANIPULATION LANGUAGE FOR AN
    EXTENDED ENTITY-RELATIONSHIP MODEL" COMPUTER, vol. 23, no. 3, 1 March
    1990, pages 26-36, XP000104433
  LAM H ET AL: "A GRAPHICAL INTERFACE FOR AN OBJECT-ORIENTED QUERY
    LANGUAGE*" PROCEEDINGS OF THE INTERNATIONAL COMPUTER SOFTWARE AND
    APPLICATIONS CONFERENCE. (COMPSAC), CHICAGO, OCT. 31 - NOV. 2, 1990,
    no. CONF. 14, 31 October 1990, KNAFL G, pages 231-237, XP000223613;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Assignee: 010829 A1 Transfer of rights to new applicant: MICROSOFT
                            CORPORATION (749861) One Microsoft Way Redmond,
                            Washington 98052-6399 US
  Change: 20000405 A1 Legal representative(s) changed 20000216
  Lapse: 030226 B1 Date of lapse of European Patent in a
                            contracting state (Country, date): AT
                            20020213, BE 20020213, CH 20020213, LI
                            20020213, NL 20020213, PT 20020513, SE
                            20020513,
  Lapse: 030205 B1 Date of lapse of European Patent in a
                            contracting state (Country, date): BE
                            20020213, CH 20020213, LI 20020213, PT

```
                              20020513, SE 20020513,
Oppn None:        030205 B1 No opposition filed: 20021114
Lapse:            020911 B1 Date of lapse of European Patent in a
                              contracting state (Country, date):  SE
                              20020513,
Grant:            020213 B1 Granted patent
Lapse:            030102 B1 Date of lapse of European Patent in a
                              contracting state (Country, date):  CH
                              20020213, LI 20020213, SE 20020513,
Lapse:            030219 B1 Date of lapse of European Patent in a
                              contracting state (Country, date):  BE
                              20020213, CH 20020213, LI 20020213, NL
                              20020213, PT 20020513, SE 20020513,
Application:      950607 A  International application (Art. 158(1))
Application:      960612 A1 Published application (A1with Search Report
                              ;A2without Search Report)
Examination:      960612 A1 Date of filing of request for examination:
                              960325
Search Report:    980401 A1 Drawing up of a supplementary European search
                              report: 980212
Examination:      991110 A1 Date of dispatch of the first examination
                              report: 19990923
```

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text   Language    Update     Word Count
      CLAIMS B   (English)   200207      1308
      CLAIMS B   (German)    200207      1207
      CLAIMS B   (French)    200207      1609
      SPEC B     (English)   200207      8955
Total word count - document A              0
Total word count - document B           13079
Total word count - documents A + B      13079
```

INTERNATIONAL PATENT CLASS: **G06F-017/30** ...
... **G06F-017/40**

...SPECIFICATION not be understood by the system.
    The cost, both monetary and in computer overhead, of creating and
maintaining a large, full-time resident natural language **interface** to
any substantial information system is prohibitive. Furthermore, end users
are still required to know the types of questions and keywords the
parser and resident dictionary **files** will understand. This is because
the resident **table** methodology does not fully account for the
relationships between data objects and the constraints on those objects.
For example, if a user wants to know...

 14/5,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00607581
COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE PARSER
RECHNERVORRICHTUNG   UND   -VERFAHREN   FUER   EINEN   TABELLENGESTEUERTEN
    DATEI-PARSER
PROCEDE   ET   APPAREIL   INFORMATISES POUR UN ANALYSEUR SYNTAXIQUE DE FICHIER
    GERE PAR TABLE
PATENT ASSIGNEE:
  WANG LABORATORIES INC., (333560), One Industrial Avenue, Lowell, MA 01851
    , (US), (applicant designated states: BE;DE;FR;GB;NL)

INVENTOR:
  METHE, Edward, D., 42 Hanson Street, Apartment 3, Boston, MA 02118-1450,
    (US)
LEGAL REPRESENTATIVE:
  Behrens, Dieter, Dr.-Ing. (1701), Wuesthoff & Wuesthoff Patent- und
    Rechtsanwalte Schweigerstrasse 2, D-81541 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 638188   A1   950215 (Basic)
                              EP 638188   B1   951220
                              WO 9322734   931111
APPLICATION (CC, No, Date):   EP 93904673 930127; WO 93US732 930127
PRIORITY (CC, No, Date): US 877409 920501
DESIGNATED STATES: BE; DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: **G06F-017/22**
CITED PATENTS (WO A): US 3589667 A ; US 4253638 A ; DE 2160123 B
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 030219 B1 Date of lapse of European Patent in a
                            contracting state (Country, date): BE
                            19951220, DE 19960321, FR 19960515, NL
                            19951220,
  Application: 940223 A International application (Art. 158(1))
  Application: 950215 A1 Published application (A1with Search Report
                            ;A2without Search Report)
  Examination: 950215 A1 Date of filing of request for examination:
                            940916
  Examination: 950614 A1 Date of despatch of first examination report:
                            950427
  Grant: 951220 B1 Granted patent
  Lapse: 960710 B1 Date of lapse of the European patent in a
                            Contracting State: DE 960321
  Lapse: 960731 B1 Date of lapse of the European patent in a
                            Contracting State: BE 951220, DE 960321
  Lapse: 961016 B1 Date of lapse of the European patent in a
                            Contracting State: BE 951220, DE 960321, FR
                            960515
  Oppn None: 961211 B1 No opposition filed
LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS B   (English) EPAB95   507
     CLAIMS B   (German)   EPAB95   496
     CLAIMS B   (French)   EPAB95   570
     SPEC B   (English) EPAB95   7903
Total word count - document A   0
Total word count - document B   9476
Total word count - documents A + B 9476

INTERNATIONAL PATENT CLASS: **G06F-017/22**

...SPECIFICATION That is from one file format description to the next, a
common format or "metalanguage" is utilized.
    As a result, interface 21 serves as a **table** driven **file   parser**
which **parses** the source format **file** into component parts according to
the metalanguage description of the source file format as stored in the
table 23. The component parts are then assembled...two writing mechanisms
to write to a desired file. As to the two options for data retrieval, in
one option interface 21 accesses a target **file** , **parses** the records of
the **file** according to **table** 23, and passes the retrieved data back to
the calling application 15 one cell or column at a time. In the second
option, **interface** 21 accesses the target file, and passes any and all

file records back to the calling application 15 one record at a time without parsing...

01294093
Method for converting table data between a database representation and a representation in tag language
Methode zur Umwandlung von Tabellendaten zwischen einer Datenbankdarstellung und einer Darstellung in einer mit Markierungen versehenen Sprache
Methode pour convertir des donnees tabulees entre une representation bases de donnees et une representation langage a etiquette
PATENT ASSIGNEE:
  SUN MICROSYSTEMS, INC., (1392733), 901 San Antonio Road, Palo Alto, California 94303, (US), (Applicant designated States: all)
INVENTOR:
  Grobler, Dirk, Wasbekerstrasse 183, 24537 Neumunster, (DE)
  Janssen, Ocke, Stellinger Weg 30, 20255 Hamburg, (DE)
LEGAL REPRESENTATIVE:
  Betten & Resch (101031), Postfach 10 02 51, 80076 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1109117 A1 010620 (Basic)
APPLICATION (CC, No, Date):   EP 99124942 991214;
DESIGNATED STATES: DE; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/30**

ABSTRACT EP 1109117 A1
    The invention relates to a method of importing table data from a selected source document into a selected target document, said source document being at least partly written in a tag language and said target document being in a format accessible by a database software or vice versa, said method comprising: temporarily storing data of a selected source; analyzing the table structure of the temporarily stored source data; and generating a target table in accordance with the table structure of the source data.
ABSTRACT WORD COUNT: 84
NOTE:
  Figure number on first page: 8

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 010620 A1 Published application with search report
 Examination: 020213 A1 Date of request for examination: 20011212
 Examination: 020710 A1 Date of dispatch of the first examination
                             report: 20020524
 Assignee: 021016 A1 Transfer of rights to new applicant: Sun
                             Microsystems, Inc. (2616592) 4150 Network
                             Circle Santa Clara, California 95054 US
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) 200125   1408
      SPEC A   (English) 200125   5892
Total word count - document A   7300
Total word count - document B   0
Total word count - documents A + B   7300

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...SPECIFICATION source data, as well as in order to identify the contents of the columns and rows of the source data.

In case of the source **table** being in the **HTML** format, the source
would at first be **parsed** for the tag < **table** > indicating the
start of a **table** . The individual fields of a row of the table are then
indicated by corresponding tags. The headers of the individual columns
(the descriptors of the...

...and by the tag </TH> indicating the end of a table header (a
column descriptor). The table header "Boston" would then have the **form**
<TH>Boston</TH>. A sequence of table headers in this manner
indicates the column descriptors as the first row of a...

17/5,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00991465   **Image available**
METHOD AND SYSTEM FOR PARSING PURCHASE INFORMATION FROM WEB PAGES
**PROCEDE   ET   SYSTEME   PERMETTANT D'ANALYSER DES INFORMATIONS RELATIVES A UN
    ACHAT EMANANT DE PAGES WEB**
Patent Applicant/Assignee:
  PREDICTIVE NETWORKS INC, 689 Massachusetts Avenue, Suite 200, Cambridge,
    MA 02139, US, US (Residence), US (Nationality)
Inventor(s):
  ODDO Anthony Scott, 90 Wenham Street #3, Jamaica Plain, MA 02130, US,
Legal Representative:
  HAAG Joseph F (et al) (agent), Hale and Dorr LLP, 60 State Street,
    Boston, MA 02109, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200321510 A2-A3 20030313 (WO 0321510)
  Application: WO 2002US24074 20020729 (PCT/WO US0224074)
  Priority Application: US 2001315835 20010829; US 2002136537 20020506
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
  KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
  SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12158

English Abstract
  A method for parsing purchase information from code in a Web page. The
  method includes detecting at least one known product keyword and at least
  one product data string following that product keyword and being
  associated with that product keyword. The product data string can be a
  descriptor for the product keyword for one product in the purchase. The
  method also includes detecting at least one known transaction keyword and
  at least one transaction data string following that transaction keyword
  and being associated with that transaction keyword, the transaction data
  string being a descriptor for the transaction keyword. The data type of
  the descriptors can be checked to determine if they are of the same type
  as the corresponding product or transaction keyword. These processes can

be repeated for all of the data strings in the HTML page, and this detected purchase information can be placed into an organized form.

French Abstract
L'invention concerne un procede permettant d'analyser des informations relatives a un achat a partir de codes sur une page web. Le procede decrit dans cette invention consiste a detecter au moins un mot-cle produit connu et au moins une chaine de donnees produit qui suit ledit mot-cle produit et qui est associee audit mot-cle produit. La chaine de donnees produit peut etre un descripteur destine au mot-cle produit pour un produit faisant partie de l'achat. Le procede decrit dans cette invention consiste egalement a detecter au moins un mot-cle transaction connu et au moins une chaine de donnees transaction qui suit ledit mot-cle de transaction et qui est associee audit mot-cle transaction, la chaine de donnees de transaction etant un descripteur destine au mot-cle transaction. Le type de donnees des descripteurs peut etre verifie afin de determiner si les descripteur presentent le meme type que le mot-cle produit ou transaction correspondant. Ces procedures peuvent etre repetees pour toutes les chaines de donnees comprises dans la page HTML, les informations relatives a un achat qui sont detectees pouvant etre disposees en une forme organisee.

Legal Status (Type, Date, Text)
Publication   20030313 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20030417 Late publication of international search report
Republication 20030417 A3 With international search report.
Republication 20030417 A3 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of the receipt of amendments.

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... the third string replaces the first string as the product name.

  Product information (that is, the descriptors for product information)
  for one product can be **parsed** from an **HTML   page** and inserted into a
  table , spreadsheet, or other format in a file so that the type of
  product information is readily discernable. For instance, parsed product
  information for two different products could appear in the **form** of
  Table 4 in a file. After a complete set of product information has been
  found for a given product, information regarding the next product...

 17/5,K/11   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00809290   **Image available**
SEARCH QUERY REFINEMENT USING RELATED SEARCH PHRASES
**AFFINAGE DE DEMANDES DE RECHERCHE A L'AIDE DE GROUPES DE MOTS DE RECHERCHE
    APPARENTES**
Patent Applicant/Assignee:
  AMAZON COM INC, P.O. Box 81226, Seattle, WA 98108-1226, US, US
    (Residence), US (Nationality)
Inventor(s):
  WHITMAN Ronald M, 8251 Densmore Avenue North, Seattle, WA 98103, US,
  SCOFIELD Christopher L, 2557 25th Avenue E., Seattle, WA 98112, US,

Legal Representative:
  DELANEY Karoline A (agent), Knobbe, Martens, Olson & Bear, LLP, 620
    Newport Center Drive, 16th Floor, Newport Beach, CA 92660, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200142880 A2-A3 20010614 (WO 0142880)
  Application: WO 2000US42576 20001205 (PCT/WO US0042576)
  Priority Application: US 99170151 19991210; US 2000533230 20000322
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
  EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
  PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ
  VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 9705

English Abstract
  A search engine system uses information about historical query
  submissions to a search engine to suggest previously-submitted, related
  search phrases to users (110). The related search phrases (139) are
  preferably suggested based on a most recent set of query submission data,
  and thus strongly reflect the current searching patterns or interests of
  users. The system is preferably implemented within a search engine used
  to locate items that are available for electronic purchase (133), but may
  be implemented within other types of search engines. In one embodiment,
  the related search phrases are scored and selected for display based at
  least in-part on an evaluation of the "usefulness" of each search phrase,
  as reflected by actions performed by prior users while viewing the
  corresponding search results.

French Abstract
  Systeme de moteur de recherche qui utilise des informations relatives a
  l'historique des demandes de recherche adressees a un moteur de recherche
  pour suggerer aux utilisateurs des groupes de mots de recherche
  apparentes precedemment soumis. Les groupes de mots de recherche
  apparentes sont de preference suggeres sur la base de la serie la plus
  recente des donnees de demandes soumises (par ex. les demandes soumises
  pendant les deux dernieres semaines), et refletent donc etroitement les
  tendances et les interets des utilisateurs en matiere de recherche au
  moment concerne. Ledit systeme est de preference mis en oeuvre dans un
  moteur de recherche utilise pour localiser des articles disponibles par
  achat electronique, mais peut etre mis en oeuvre dans d'autres types de
  moteurs de recherche. Dans un mode de realisation, les groupes de mots de
  recherche apparentes sont dotes d'un score et selectionnes en vue de leur
  affichage, au moins en partie sur la base d'une evaluation de
  l'<=utilite>= de chacun de ces groupes de mots, telle qu'elle est
  refletee par les actions qu'ont engage les utilisateurs precedents lors
  du visionnement des resultats de recherche correspondants.

Legal Status (Type, Date, Text)
Publication 20010614 A2 Without international search report and to be
                    republished upon receipt of that report.

Examination   20011011 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20011101 Late publication of international search report
Republication 20011101 A3 With international search report.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... could be used.

  In a preferred embodiment, the building of the search phrase table 1 37
  consists of two primary phases: (1) generating daily log **files** , and (2)
  periodically **parsing** and processing these log **files** to generate the
  search phrase **table** 137. These two phases are described separately
  below. Rather than generate new search phrase data each time log
  information becomes available, the generation process 136...

...generated for a new constituent time period, the generation process 136
  preferably combines this new data with existing data from earlier
  constituent time periods to **form** a collective search phrase table 137
  with information covering a longer composite period of time. This process
  is depicted in Figure 6 and is described...
?

```
File 348:EUROPEAN PATENTS 1978-2003/Apr W04
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030501,UT=20030424
        (c) 2003 WIPO/Univentio
? ds

Set     Items    Description
S1       6049    (PARS??? OR EXTRACT?)(5N)TABLE? ?
S2      24491    FORM(5N)(INPUT? OR ENTER??? OR ENTRY)
S3         35    S1(S)S2 AND IC=G06F
```

3/5,K/14   (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00457116
A data processing device.
Vorrichtung zur Datenverarbeitung.
Dispositif de traitement de donnees.
PATENT ASSIGNEE:
  FUJITSU LIMITED, (211460), 1015, Kamikodanaka Nakahara-ku, Kawasaki-shi
    Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Kimura, Masayuki, 4-11, Yagiyama-Minami 5-chome, Taihaku-ku, Sendai-shi,
    Miyagi, 982, (JP)
  Aso, Hirotomo, 10-101 Kawauchi-Jutaku, Kawauchi, Aoba-ku, Sendai-shi,
    Miyagi, 980, (JP)
  Katsuyama, Yutaka, 101 Pastoral-Miwa, 241-1, Miwa-cho, Machida-shi,
    Tokyo, 194-01, (JP)
  Suzuki, Kenji, 8-6, Shoyodai 3-chome, Shiogama-shi, Miyagi, 985, (JP)
  Hayasaka, Hisayoshi, 9-33, Kuromatsu 1-chome, Izumi-ku, Sendai-shi,
    Miyagi, 981, (JP)
  Sakurai, Yoshiyuki, 80-4, Aza-Kamibarada, Watari-Machi, Watari-Gun,
    Miyagi, 989-23, (JP)
LEGAL REPRESENTATIVE:
  Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner
    Patentanwalte Arabellastrasse 4, W-8000 Munchen 81, (DE)
PATENT (CC, No, Kind, Date):   EP 444593   A2   910904 (Basic)
                               EP 444593   A3   930721
APPLICATION (CC, No, Date):   EP 91102798 910226;
PRIORITY (CC, No, Date): JP 9058042 900312; JP 9042641 900226; JP 9066854
    900319; JP 9068151 900320
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06K-009/80;   **G06F-007/24**
CITED PATENTS (EP A): US 4085401 A
CITED REFERENCES (EP A):
  1986 IEEE INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE; DIGEST OF
    TECHNICAL PAPERS; 33RD ISSCC; PUBL.: LEWIS WINNER, CORAL GABLES, FL
    33134, US pages 90, 91, 318 T. KAWADA ET AL. 'SESSION VIII: DIGITAL
    SIGNAL PROCESSING; WPM 8.4: A Pattern Matching Processor with Defect
    Tolerance'
  PROC. OF THE 9TH INTERN. CONF. ON PATTERN RECOGNITION, ROME, IT, 14-17
    NOVEMBER 1988, IEEE COMP. SOC. PRESS, WASHINGTON, US pages 38 - 40 ,
    XP000013029 M. KIMURA 'An Intelligent Character Recognition System with
    High Accuracy and High Speed by Integrating Image-type and Logical-type
    Infornation Processing';

ABSTRACT EP 444593 A2
    This invention pertains to a data processing system for pattern
  recognition by sorting the scores of the candidate patterns by their
  feature vectors per an associative matching method.
    It aims first at determining feature vectors at a high speed even if a
  recognition device obtains dictionary data in dot units, second at
  determining scores by an association conformance recognition device, and
  third at sorting inputted data from the highest score at a high speed.
    The feature of this invention resides in a data processing device
  comprising: a first memory (1-1) for memorizing stroke information for
  patterns supplied in dot units; a first address generator (2-1) for
  generating first addresses for specifying the positions at which the
  stroke information is memorized; a second memory (3-1) for memorizing
  weight data for the stroke information; a second address generator (4-1)
  for generating second addresses for reading stroke information memorized

in the first memory (1-1) and third addresses for reading, from the
second memory (2-1), the weight data corresponding to the stroke
information read by the second addresses; accumulators (5-1-1 to 5-N-1)
of the number of the stroke direktions supplied with weight data
outputted from the second memory (3-1); and a decoder (6-1) for decoding
the stroke information memorized in the first memory and for accumulating
weights for the respective stroke directions to enable the accumulators
per the decoding result. (see image in original document)
ABSTRACT WORD COUNT: 233

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 910904 A2 Published application (A1with Search Report
                             ;A2without Search Report)
 Change: 930630 A2 Obligatory supplementary classification
                             (change)
 Search Report: 930721 A3 Separate publication of the European or
                             International search report
 Examination: 940316 A2 Date of filing of request for examination:
                             940117
 Examination: 960117 A2 Date of despatch of first examination report:
                             951201
 Withdrawal: 970730 A2 Date on which the European patent application
                             was deemed to be withdrawn: 970131
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A (English)   EPABF1   1153
      SPEC A   (English)   EPABF1   37642
Total word count - document A   38795
Total word count - document B   0
Total word count - documents A + B   38795

...INTERNATIONAL PATENT CLASS: **G06F-007/24**

...SPECIFICATION received for finding a character area to be used as a unit
 for extracting a character.
 (STEP 5: CREATION OF CONVERSION TABLE)
 Although a document (**form**) is read as image **inputs** in page units in
 the embodiments of this invention, the above steps segment the image
 inputs into areas in character units, so that a character for which a
 conversion table is created is normalized. The conversion **table** is used
 for normalizing the **extracted** characters to a predetermined size by
 magnifying or contracting them in both directions in one-dot units.
 (STEP 6: NORMALIZATION)
 All the extracted characters, e...

 3/5,K/17   (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00300721
A method for LR (left-right) table compression.
Verfahren zur LR(left-right)-Tabellenkomprimierung.
Methode de compression de table LR(left-right).
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Charles, Philippe Gerard, 4014 Avenue K., Brooklyn New York 11210, (US)
  Fisher, Gerald Anton, Jr., 137 Colabaugh Pond Road, Croton-on-Hudson New

ABSTRACT EP 313973 A2
    A method for compressing an LR (Left-Right), LALR, or SLR parsing table
into a compact and time-efficient representation which is machine and
language independent, and allows access to table entries with a constant
number of primitive operations. The primitive operations used: addition,
comparison, and vector indexing, are in general very efficiently
implemented on most machines, and are the key to the superior time
performance of this method over other methods. Transformations are
applied to the parsing table prior to compression that makes the method
of the present invention competitive and very often superior to other
space-efficient methods.
ABSTRACT WORD COUNT: 101

INTERNATIONAL PATENT CLASS: **G06F-009/44**

...SPECIFICATION technique according to the present invention is to
  eliminate as many entries as possible and then compress each matrix into
  a simple linear (one dimensional) **table** .
    The **parsing** of an input sequence is controlled by these matrices and
  a "state stack" that remembers the **form** of the **input** parsed thus far.
  The "states" are encoded as row indices of the action matrices. There is
  an initial or start state in which the parse...

00837907   **Image available**
SYSTEM AND METHOD FOR THE TRANSFORMATION AND CANONICALIZATION OF SEMANTICALLY STRUCTURED DATA
SYSTEME ET PROCEDE DE TRANSFORMATION ET DE CANONISATION DE DONNEES SEMANTIQUEMENT STRUCTUREES
Patent Applicant/Assignee:
  QUACK COM, 360 W. Caribbean Avenue, MV-007, Sunnyvale, CA 94089, US, US
    (Residence), US (Nationality)
Inventor(s):
  KOMINEK John Michael, Apartment 103, 210 Calderon Avenue, Mountain View,
    CA 94041, US,
  CARRIERE Steven Jeromy, Apartment 4302, 651 Franklin Street, Mountain
    View, CA 94041, US,
  WOODS Steven Gregory, Apartment 2320, 900 HIgh School Way, Mountain View,
    CA 94041, US,
Legal Representative:
  GLENN Michael A (agent), Glenn Patent Group, 3475 Edison Way, Suite L,
    Menlo Park, CA 94025, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200171542 A2-A3 20010927 (WO 0171542)
  Application: WO 2001US8577 20010316 (PCT/WO US0108577)
  Priority Application: US 2000531949 20000321
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
International Patent Class: H04M-003/493
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 25232

English Abstract
  A method of transforming and canonicalizing semantically structured data
  includes obtaining data from a network of computers, applying text
  patterns to the obtained data and placing the data in a first data file,
  providing a second data file containing the obtained data in a uniform
  format, and generating interface specific sentences from the data in the
  second data file.

French Abstract
  L'invention se rapporte a un procede de transformation et de canonisation
  de donnees semantiquement structurees qui consiste a obtenir des donnees
  a partir d'un reseau d'ordinateurs, a appliquer des motifs textuels aux
  donnees obtenues et a placer les donnees dans un premier fichier de
  donnees, a produire un second fichier de donnees contenant les donnees
  obtenues dans un format uniforme et a generer des phrases specifiques
  d'interface a partir des donnees presentes dans le second fichier de
  donnees.

Legal Status (Type, Date, Text)

Publication   20010927 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20020530 Late publication of international search report
Republication 20020530 A3 With international search report.
Examination   20020822 Request for preliminary examination prior to end of
                          19th month from priority date
Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Claims

Claim
...   to create a parsed form of the data.
  66
  . The method of claim 8, wherein the step of generating interface
  specific sentences comprises applying lexical **entry** transformation
  tables to the **parsed** **form** of the data to create a term substituted
  form of the data.

  10 The method of claim 9, wherein the step of generating interface
  specific...

 3/5,K/27   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00739252   **Image available**
INTELLECTUAL PROPERTY ASSET MANAGER (IPAM) FOR CONTEXT PROCESSING OF DATA
    OBJECTS
GESTIONNAIRE D'ACTIF DE PROPRIETE INTELLECTUELLE POUR LE TRAITEMENT
    CONTEXTUEL D'OBJETS DE DONNEES
Patent Applicant/Assignee:
  AURIGIN SYSTEMS INC, 10710 North Tantau Avenue, Cupertino, CA 95014-0717,
    US, US (Residence), US (Nationality)
Inventor(s):
  RIVETTE Kevin G, 2165 Waverley Street, Palo Alto, CA 94303, US,
  RAPPAPORT Irving S, 1500 Edgewood Drive, Palo Alto, CA 94303, US,
  HOHMANN Luke, 306 Windmill Park Lane, Mountain View, CA 94043, US,
  PUGLIA David, 17429 East Vineland Avenue, Los Gatos, CA 95030, US,
  DEWOLFE Andrew S, 242 Acalanes Drive #11, Sunnyvale, CA 94086, US,
  GORETSKY David, 272 Waverly Street, Sunnyvale, CA 94086, US,
  JACKSON Adam, 1063 Morse Avenue #7-107, Sunnyvale, CA 94089, US,
  KUROWSKI Scott, 1038 Corvette Drive, San Jose, CA 95129, US,
  PARK Brian, 2636 Ponce Avenue, Belmont, CA 94002, US,
  RABB Charles Jr, 730 East Evelyn #638, Sunnyvale, CA 94086, US,
  ROSENQUIST Brent, 1668 Kennard Way, Sunnyvale, CA 94087, US,
  SCHNITZ Matthew, 2558 Mardell Way, Mountain View, CA 94043, US,
  SMITH David W, 3 Morning Sun Court, Mountain View, CA 94043, US,
  PARADAN Thierry, 1058 Paintbrush Drive, Sunnyvale, CA 94086, US,
  BASHSHUR Noura, 306 Windmill Park Lane, Mountain View, CA 94043, US,
Legal Representative:
  LEE Michael Q (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C.,
    Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200052618 A2-A3 20000908 (WO 0052618)
  Application: WO 2000US5080 20000229 (PCT/WO US0005080)
  Priority Application: US 99260079 19990302
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW

English Abstract
  Context data processing is described herein. One or more contexts are
  selected. Each context includes one or more attributes, and a plurality
  of data objects that satisfy the attributes. A list of data objects
  contained in the selected contexts is displayed. At least some of the
  data objects in the selected contexts are processed. Such processing may
  involve generating claim trees, citation trees, and data object families,
  which may be displayed using hyperbolic trees. In an embodiment, the
  contexts are groups. In other embodiment, the contexts are each
  associated with a data object type. In this latter embodiment, the
  contexts include data objects of their respective data object types.

French Abstract
  L'invention concerne le traitement de donnees contextuelles. On choisit
  au moins un contexte. Chaque contexte renferme plusieurs attributs, ainsi
  que plusieurs donnees qui satisfont a ces attributs. Une liste d'objets
  de donnees contenus dans les contextes choisis est presentee. Plusieurs
  objets de donnees des contextes choisis sont traites, ce qui peut
  impliquer la creation d'arborescences de revendications et de citations,
  ainsi que des familles d'objets de donnees que l'on peut presenter a
  l'aide d'arborescences hyperboliques. Dans un mode de realisation, chaque
  contexte est associe a un type d'objet de donnees. En l'occurrence, les
  contextes renferment des objets de donnees de leurs types d'objets de
  donnees respectifs.

Claim
... creator logs into the system and creates a form to capture the data
they are intereste n capturing. The invention supports several different
types of **form input** widgets, including radio buttons (choose one from
many items), text input fields, check boxes (represents "Yes/No" or
"True/False") and so forth. The **form** -creator explicitly or implicitly
associates **input** widgets with the back-end database tables stored on

the server. Even the meta-content of the tabTes may be stored with the
form, allowing...

...form-creator to control what the annotation-creator sees while the
annotationcreator is using the form. Examples of such operations would
include "edit checks" on **input** fields (e.g., the **form** -creator could
specify that an annotation-creator must enter in a number between 0 and
100 when **entering** data into the **form**). The **form** -creator associates
the form with a pen or other annotation mechanism. This is part of a
publishing" process in which the form-creator would also...

...tables.
Identify information of intere %qo@
%406
Create new database tables, if ne 1609
e ect one or more ata a
pec columns in database **tables** where information **extracted** from data
objects is to be stored
-@@ '@@A
Receive a data object
ILI
Determine type of data object Vku
@fbom data
tore rmation in dat...

3/5,K/28   (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00579171   **Image available**
EXTRACTION OF VENDOR INFORMATION FROM WEB SITES
EXTRACTION D'INFORMATIONS DE SITES WEB CONCERNANT DES VENDEURS
Patent Applicant/Assignee:
  IMANDI CORPORATION, 14570 NE 95th Street, Redmond, WA 98052, US, US
    (Residence), US (Nationality)
Inventor(s):
  JOHNSON Eric W W, 16911 NE 106th Street, Redmond, WA 98052, US,
  KHER Raghav P, 17436 NE 38th Street, Redmond, WA 98052, US,
  JACOBS Bradley W, 29824 - 25th Place South, Federal Way, WA 98003, US,
Legal Representative:
  BERGSTROM Robert W (agent), Weiss Jensen Ellis & Howard, Suite 2600, 520
    Pike Street, Seattle, WA 98101, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200042544 A2-A3 20000720 (WO 0042544)
  Application: WO 2000US1084 20000118 (PCT/WO US0001084)
  Priority Application: US 99232357 19990115
Designated States: AU BR CA CN IN JP KR NO NZ SG
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 15500

English Abstract
  A database and database creation, maintenance, and update processes and
  tools for storing vendor information for use in technology-enabled
  markets. The vendor information stored within the database allows for

automated compilations of lists of vendors having an arbitrary
geographical proximity to a customer, offering a product or service
desired by the customer, and meeting various customer preferences.
Database creation and update tools extract information from various
information sources, such as Internet-based web sites, and enhance and
update the database on a continuous basis.

French Abstract
  L'invention concerne une base de donnees ainsi que des procedes et des
  outils de creation, d'entretien et de mise a jour de la base de donnees
  pour stocker des informations concernant des vendeurs, ces informations
  etant utiles dans des marches facilites par des technologies. Les
  informations concernant les vendeurs, stockees dans la base de donnees,
  permettent de compiler automatiquement des listes de vendeurs qui
  presentent une proximite geographique arbitraire par rapport a un client,
  d'offrir un produit ou un service voulu par le client, et de repondre a
  diverses preferences de client. Les outils de creation et de mise a jour
  de la base de donnees permettent d'extraire des informations provenant de
  diverses sources d'information, tels des sites Web d'Internet,
  d'ameliorer et de mettre a jour la base de donnees en continu.

Legal Status (Type, Date, Text)
Search Rpt   20030313 Late publication of international search report
Republication 20030313 A3 With international search report.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... Type"
  content="text/html; charset=iso 111>
  <meta name="GENERATOR" content="Microsoft FrontPage Express 2.0">
  <title>Data Extraction Tool</title>
  </head>
  <body bgcolor="#FFFFFF">
  < **form** method="POST">
  <p>Table: < **input** type="text" size="20" name="TableName11></p>
  <p><input type="checkbox" name="AllStates" value="ON">All
  States?</p>
  <p>Start At: <select name="StartState" size...

...type="submit" name="B1" value="Submit"></p>
  </form>
  </body>
  </html>
  This user interface includes a text entry field to specify the name of
  the relational **table** in which to place newly **extracted** data, a
  checkbox and selection list combination for specifying a subset of, or
  all, U.S. states from which to select travel agent information, and...

```
File    8:Ei Compendex(R) 1970-2003/Apr W4
           (c) 2003 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2003/Apr
           (c) 2003 ProQuest Info&Learning
File 202:Info. Sci. & Tech. Abs. 1966-2003/Apr 04
           (c) Information Today, Inc
File   65:Inside Conferences 1993-2003/Apr W4
           (c) 2003 BLDSC all rts. reserv.
File    2:INSPEC 1969-2003/Apr W4
           (c) 2003 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Apr
           (c) 2003 Info. Today Inc.
File   94:JICST-EPlus 1985-2003/Apr W4
           (c)2003 Japan Science and Tech Corp(JST)
File 603:Newspaper Abstracts 1984-1988
           (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2003/May 08
           (c) 2003 ProQuest Info&Learning
File    6:NTIS 1964-2003/May W1
           (c) 2003 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2003/Apr W4
           (c) 2003 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
           (c) 1998 Inst for Sci Info
File   34:SciSearch(R) Cited Ref Sci 1990-2003/May W1
           (c) 2003 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2003/Mar
           (c) 2003 The HW Wilson Co.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
           (c) 2002 The Gale Group
File 266:FEDRIP 2003/Mar
           Comp & dist by NTIS, Intl Copyright All Rights Res
File   95:TEME-Technology & Management 1989-2003/Apr W3
           (c) 2003 FIZ TECHNIK
File 438:Library Lit. & Info. Science 1984-2003/Mar
           (c) 2003 The HW Wilson Co
? ds
```

Set	Items	Description
S1	6158	(PARS??? OR EXTRACT?)(5N)(DOCUMENT? ? OR PAGE? ? OR WEBPAG-E? ? OR FILE? ? OR HTML)
S2	66608	(DEFIN??? OR PRODUC? OR CREAT??? OR ESTABLISH? OR GENERAT? OR CONSTRUCT? OR BUILD???)(5N)(DATABASE? ? OR DATA()BASE? ?)
S3	10482	FORM(5N)(INPUT? OR ENTER??? OR ENTRY)
S4	615374	TABLE? ?
S5	0	S1 AND S2 AND S3 AND S4
S6	3	S1 AND S2 AND (INTERFACE OR TEMPLATE) AND S4
S7	10	S2 AND S3 AND S4
S8	154	(PARS??? OR EXTRACT?)(5N)TABLE? ?(5N)(DOCUMENT? ? OR PAGE? ? OR WEBPAGE? ? OR FILE? ? OR HTML)
S9	9	S8 AND (S3 OR INTERFACE OR TEMPLATE)
S10	8	RD (unique items)
S11	40	S8 AND FORM? ?
S12	27	RD (unique items)
S13	19	S12 NOT (S6:S7 OR S10 OR PY=2001:2003)

7/5/1   (Item 1 from file: 202)

2200249
DATACCS--an interface from MACCS to other software systems.
Author(s): Dill, J D
Corporate Source: Molecular Design Limited, Hayward, CA
Chemical Information Bulletin vol. 36, no. 1, pages 18
Publication Date: Spr 1984
ISSN: 0364-1929
Language: English
Document Type: Journal Article
Record Type: Abstract
Journal Announcement: 2200

   The author reviews DATACCS, a software system from Molecular Design,
which combines a variety of data management capabilities into a single
framework. Applications considered are: **building** and maintaining MACCS
databases ; transferring data between outside systems and MACCS; preparing
and displaying chemical report forms; **form** -based **inputting** of data;
presenting of data and structures in tabular arrays; creating diagrams,
tables , flowcharts. Topics discussed include the design philosophy behind
DATACCS and some of the technological advances incorporated in its
implementation.

Descriptors: Chemical data; Computer interfaces; Database management
   systems; Information management
Classification Codes and Description: 5.06 (Software and Programming); 3.04
   (Meetings, Personal Interchange); 3.05 (Instruction)
Main Heading: Information Processing and Control; Information Generation
   and Promulgation

 7/5/2   (Item 1 from file: 2)

5154698   INSPEC Abstract Number: C9602-6110B-055
  Title: **People oriented software technology, and its use in environmental
reporting**
  Author(s): Krueger, T.; Kurian, G.; Nair, A.; Neumann, G.; Neumerkel, U.;
Nusser, S.; Reintjes, P.; Taylor, A.; Tzoar, D.; Walker, A.
  Conference   Title: Database   and   Expert   Systems   Applications.   6th
International Conference, DEXA `95. Proceedings   p.136-45
  Editor(s): Revell, N.; Tjoa, A.M.
  Publisher: Springer-Verlag, Berlin, Germany
  Publication Date: 1995 Country of Publication: West Germany   xv+654
pp.
  ISBN: 3 540 60303 4   Material Identity Number: XX95-02396
  Conference   Title: Database   and   Expert   Systems   Applications.   6th
International Conference, DEXA `95. Proceedings
  Conference Date: 4-8 Sept. 1995   Conference Location: London, UK
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Applications (A); Practical (P)
  Abstract: We describe a software technology that is "people oriented", in
the sense that it allows us to: specify a task as English syllogisms,
together with **tables** of facts; run the specification consisting of
English syllogisms directly; ask questions in English; get hypertexted
English explanations of answers; automatically fill in business forms; and

to automatically **generate** **database** queries and updates. In our approach, English words take their meaning from their context, rather than from a separately maintained dictionary and grammar. This makes it easy to write down knowledge with specialized words and phrases, such as "Environmental Protection Agency Form R", and then to run the knowledge directly. The knowledge in a specification is directly compiled and interpreted according to a formal theory of highly declarative knowledge. This eliminates the troublesome and expensive gap that often arises between a specification of a task and a program that is supposed to do the task, by eliminating the program. It is not necessary to know about the theory in order to write and to run specifications. The technology is used to automatically fill in report forms about chemical usage that are submitted to the U.S. Environmental protection Agency. One such form has over 300 entries per chemical reported, and there are significant penalties for incorrect entries, both for an organization and a private individual who signs the form. Our technology allows us to click on a **form** **entry** to see a step by step explanatory audit trail, showing how government regulations, plus engineering expertise, and data about chemicals, were used to automatically make the entry. Other uses of the technology include the mining of medical databases, business case justification, enterprise modelling, and experiments in knowledge based document routing within an organization. (13 Refs)
   Subfile: C
   Descriptors: database management systems; explanation; software engineering
   Identifiers: people oriented software technology; environmental reporting ; English syllogisms; **tables** ; facts; hypertexted English explanations o; business forms; database queries; updates; formal theory; highly declarative knowledge; medical databases; business case justification; enterprise modelling; knowledge based document routing
   Class Codes: C6110B (Software engineering techniques); C6170K (Knowledge engineering techniques)
   Copyright 1996, IEE

   7/5/3   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03385341   INSPEC Abstract Number: D89001481
 Title: Comparing spreadsheets and RDBMS
   Author(s): Estrin, T.
   Author Affiliation: Windsor Univ., Ont., Canada
   Journal: CMA   vol.62, no.10   p.64
   Publication Date: Dec. 1988-Jan. 1989 Country of Publication: Canada
   CODEN: CMAAEA   ISSN: 0010-9592
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: While spreadsheets can be used for quick **creation** of simple **database** functions, a relational DBMS (RDBMS) software package is much more effective for complex uses. RDBMSs are devised for creation of input screens which allow for very quick data input. Input checking and editing facilities are also far more extensive than with spreadsheets. Data **entered** on the data **input** **form** can be passed on to several different **tables** . There is a built-in data query language which provides for quick and flexible retrieval of individual or summary information and reports drawn from several **tables** . RDBMSs also have report generator commands which may extract data from a number of different **tables** and compile it to form complex reports such as invoices with separate sections for headings, transaction details, and totals, tax and freight summary. (0

Refs)
    Subfile: D
    Descriptors: database management systems; relational databases; software packages; spreadsheet programs
    Identifiers: input checking; information retrieval; spreadsheets; RDBMS; database; software package; data input; editing; query language; report generator; invoices
    Class Codes: D2080 (Information services and database systems); D2050 (Financial applications)

    7/5/4   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00381459   95WN04-056
    askSam 2.0
    Williams, Gerry
    Windows Magazine , April 1, 1995 , v6 n4 p286-288, 3 Page(s)
    ISSN: 1060-1066
    Company Name: askSam Systems
    Product Name: askSam
    Languages: English
    Document Type: Software Review
    Grade (of Product Reviewed): B
    Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows
    Geographic Location: United States
    Presents   a   favorable   review   of askSam v2.0 ($149), a nonprogrammable database   from   askSam   Systems   (800,   904). Runs on IBM PC compatibles with 4MB   RAM,   4MB   hard   disk   space,   and Windows. States that askSam uniquely treats data as categorized text, resulting in the input screen seeming more like   a   modified word processor than a database. Notes that this makes the interface   seem familiar; and says that askSam offers database capabilities to   sort   and   find   data while retaining a text-retrieval system with word processing   capability.   Reports that the documentation is good; and askSam provides   templates   to   **define   databases** , though the reviewer indicates that   it   is   relatively easy to create a data- **entry   form** from scratch. Also explains that you can open multiple databases at the same time in this flexible   product. However, notes that askSam supports only ASCII and dBASE files,   and   exports   only   to   delimited   ASCII files. Includes one screen display, one **table** , and a product summary. (jo)
    Descriptors: Database;   Data Base Management;   Software Review;   Window Software;   Word Processing;   Report Generator
    Identifiers: askSam; askSam Systems

    7/5/5   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00282727   92PW07-058
    PC-File 6.5
    Litwin, Paul
    PC World , July 1, 1992 , v10 n7 p234, 1 Page(s)
    ISSN: 0737-8939
    Company Name: ButtonWare
    Product Name: PC-File
    Languages: English
    Document Type: Software Review
    Grade (of Product Reviewed): b
    Geographic Location: United States

Presents a favorable review of PC-File 6.5 ($149.95), a personal data manager from ButtonWare Inc., Bellevue, WA (800, 206). The program offers either a character-based interface or a graphical mode, either of which supports a mouse. **Data bases** can be **created** with either a Fast definition mode which produces a default form, or a Paint mode, in which the user defines the **form** . The program lacks true data **input** rules which could allow a careless user to enter erroneous data, but it does support global updates and searches for duplicate records. The program allows queries on only one file at a time and its report writing capabilities are limited. It does include a good text editor, making it a reasonable choice for mail merging and it offers good **table** and forms views, but for demanding business applications it is limited. Includes one screen display. (djd)
    Descriptors: Database; Software Review
    Identifiers: PC-File; ButtonWare

 7/5/6   (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00194996   89IW06-317
    Form **Mapper** enters **data from users' handwriting**
    Ponting, Bob
    InfoWorld , June 26, 1989 , v11 n26 p27, 1 Pages
    ISSN: 0199-6649
    Languages: English
    Document Type: Product Announcement
    Geographic Location: United States
    Announces **Form** Mapper ($499), a **form - entry** program that allows users to fill out a paper form by hand while simultaneously updating a Dbase III or Dbase III Plus database, from Communications Intelligence Corp., Menlo Park, CA (415). The program requires CIC's Handwriter Data Entry System ($1,279), which includes a digitizing **tablet** and a Motorola 68000 coprocessor board. Includes one photo. (djd)
    Descriptors: Forms; **Database ;   Product Announcement**
    Identifiers: **Form** Mapper; Handwriter Data **Entry** System; Communications Intelligence

 7/5/7   (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00194911   89IW06-016
    System for Dbase allows handwritten data entry
    Pane, Patricia J
    InfoWorld , June 5, 1989 , v11 n23 p23, 1 Pages
    ISSN: 0199-6649
    Languages: English
    Document Type: Product Announcement
    Hardware/Software Compatibility: IBM PC Compatible
    Geographic Location: United States
    Announces a front-end data entry system for Dbase III applications from Communication Intelligence Corp., Menlo Park, CA (800, 415). The system consists of Handwriter Form Mapper ($499), a software program that works with the Handwriter Data Entry System ($1,279) which includes a digitizer **tablet** to allow handwritten entry of data to Dbase screens without interrupting the Dbase program. The system is designed for use on IBM PCs and compatibles. Includes one photo. (djd)

Descriptors: **Database ;   Product Announcement**
Identifiers: Handwriter **Form** Mapper; Handwriter Data **Entry** System;
Communication Intelligence

7/5/8   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1688664 NTIS Accession Number: AD-A256 859/0
  GRASS 4.0 Map Digitizing User's Manual: V.Digit
  (Final rept)
  Neidig, C. A. ; Gerdes, D. P. ; Kos, C.
  Construction Engineering Research Lab. (Army), Champaign, IL.
  Corp. Source Codes: 054831000; 405279
  Report No.: CERL-ADP-EGI-92/01
  Jul 92   56p
  Languages: English
  Journal Announcement: GRAI9303
  Product reproduced from digital image. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A04/MF A01
  Country of Publication: United States
  The Geographic Resources Analysis Support System (GRASS) is an
image-processing and geographic information system (GIS) originally
designed to serve land managers and environmental planners at An-ny
installations, but now used by a wide variety of public and private users.
Map data are useful for **building** a GIS **data   base** . Within the GRASS
system, map development entails the production of vector, raster, and
support files to represent map features. One way analog map data are
 entered and converted into digital **form** is by tracing relevant map
features with an electronic instrument called a digitizer. In GRASS version
4.0, the program used to conduct this conversion is called v.digit. This
manual discusses v.digit options. The v.digit program is an interactive,
menu-driven vector digitizing, labeling, and editing package. The samples
in this manual require use of a workstation minimally consisting of a
graphics monitor and keyboard, a pointing device (mouse), and a digitizing
 tablet . Drivers for v.digit exist for Altek, Calcomp, GeoGraphics,
Hitachi, Kurta, Numonics, and SummaGraphics digitizers. v.digit also
operates in an X Windows environment. GRASS, digitizer, geographic
resources analysis support system, v.digit.
  Descriptors: *Image processing; *Menu; *Computer program documentation;
*Management information systems; Analog to digital converters; Conversion;
Data bases; Editing; Electronics; Environments; Graphics; Images; Keyboards
; Maps; Monitors; Production; Rasters; Resources; User manuals
  Identifiers: *Geographic information systems; NTISDODXA
  Section Headings: 48C (Natural Resources and Earth Sciences--Natural
Resource Surveys); 48I (Natural Resources and Earth Sciences--Cartography);
88B (Library and Information Sciences--Information Systems)

7/5/9   (Item 2 from file: 6)
DIALOG(R)File   6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1090364 NTIS Accession Number: PB84-151075
  Building Fire Simulation Model, Volume 2: Appendices
  (Final Tech. Rept)

Swartz, J.A. ; Fahy, R.F. ; Connelly, E.M. ; Demers, D.P.
National Fire Protection Association, Quincy, MA.
Corp. Source Codes: 075531000
Sponsor: Department of Housing and Urban Development, Washington, DC.
Office of Policy Development and Research.
Report No.: HUD-0002924
May 83   273p
Languages: English
Journal Announcement: GRAI8408
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC A12/MF A01
Country of Publication: United States
Contract No.: HUD-H-5024
Twelve appendices comprise the second volume of this final report on the
Building Fire Simulation Model (BFSM). The **data** **base** appendix
consists of the data files used in the regression analyses for realm
transition times and for the development and spread of combustion products
in the room of origin and remote locations. The data input formats for BFSM
appendix describe the format of the **input** data stream in summary **form** .
Appendices also include a computer listing, a data entry description, and
summary of regression equations. Smoke movement documentation, the Pearson
distribution fitting technique, a description of program variables, and
results of initial regression analyses are provided. Other appendices
present a two - phase network model for describing smoke movement in
residential occupancies, BFSM as a finite state model, and a BFSM
validation data form. **Tables** , diagrams, and references are supplied.
Descriptors: *Buildings; *Fire tests; Computerized simulation; Fire
safety; Fire protection; Evacuating(Transportation)
Identifiers: *Building fires; *Room fires; NTISHUDPDR
Section Headings: 89G (Building Industry Technology--Construction
Materials, Components, and Equipment)

 7/5/10   (Item 3 from file: 6)
DIALOG(R)File   6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0995894 NTIS Accession Number: PB83-123323
 **HUD Operating Data Relating to Federal Housing Administration (FHA)
Mortgage Insurance Activities**
Royster, L. L.
Urban Inst., Washington, DC.
Corp. Source Codes: 031224000
Sponsor: Department of Housing and Urban Development, Washington, DC.
Office of Policy Development and Research.
Report No.: HUD-0002336
Jul 75   91p
Languages: English
Journal Announcement: GRAI8304
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC A05/MF A01
Country of Publication: United States
Contract No.: HUD-H-2162R
This catalog has been prepared to support research preliminary to the
design of an evaluation of the effects of Federal Housing Administration

(FHA) activity in older, urban, declining areas. The catalog lists data sources for all stages in the life cycle of an FHA mortgage credit insurance policy, including the after life if the mortgage or property is acquired by HUD. The seven stages are (1) application for property appraisal and conditional commitment (2) application for mortgagor approval and firm commitment processing, (3) endorsement and final closing, (4) servicing of insurance, (5) termination of insurance, (6) servicing HUD - held mortgages and properties, and (7) disposition of HUD - held properties and mortgages. Within each major stage of the life cycle, a brief description of the activity involved is first given. The data listing for each section is divided into forms or source data, computerized data bases, and tabulations or reports. Each form is listed by name and number; the source or originator is given, as well as a general description of the data, examples of specific items where description is inadequate, and the manner and duration of storage after completion. For computer **data bases** , the name, system processing number, **producing** office, and source (**input form**) is given, as well as a general description. An alphabetical list and a numerical list of forms included in the catalog are supplied, along with an index. Appendices present technical data, **tables** , and explanations of file storage and the sampling procedure. (Author abstract modified).

Descriptors: *Housing studies; *Urban areas; Urban renewal; Insurance; Real property; Information systems

Identifiers: NTISHUDPDR

Section Headings: 91E (Urban and Regional Technology and Development--Housing)

```
Set     Items   Description
S1      56015   (FORM OR FORMS OR TEMPLATE? ?)(5N)(TRANSLAT? OR TRANSFORM?
                   OR CONVERT? OR CONVERSION)
S2      37125   (FORM OR FORMS OR TEMPLATE? ?)(5N)(PARS??? OR SCAN???? OR -
                   EXTRACT????)
S3      94543   (DATABASE? ? OR DATA()BASE? ? OR TABLE? ? OR REPOSITOR???)-
                   (5N)(CREAT??? OR CONSTRUCT??? OR PRODUC? OR GENERAT? OR CREAT-
                   ??? OR BUILT OR BUILD??? OR ESTABLISH? OR DEVELOP? OR (SET? ?
                   OR SETTING)()UP OR ASSEMBL?)
S4     779478   FIELD? ?
S5         40   S1:S2(30N)S3(30N)S4
S6         32   S5 AND IC=G06F
```

6/3,K/16   (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00842073.   **Image available**
METHOD AND DEVICE FOR PROCESSING OF INFORMATION
PROCEDE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS
Patent Applicant/Assignee:
  ANOTO AB, c/o C Technologies AB, Scheelevagen 15, S-223 70 Lund, SE, SE
    (Residence), SE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  ERICSON Petter, Industrigatan 2 B, S-212 14 Malmo, SE, SE (Residence), SE
    (Nationality), (Designated only for: US)
Legal Representative:
  AWAPATENT AB (agent), Box 5117, S-200 71 Malmo, SE,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200175779 A1 20011011 (WO 0175779)
   Application: WO 2001SE586 20010321 (PCT/WO SE0100586)
   Priority Application: SE 20001236 20000405
Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY
  BZ CA CH CN CO CR CU CZ CZ (utility model) DE DE (utility model) DK DK
  (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
  MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)
  SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6844

...International Patent Class: G06F-003/03
Fulltext Availability:
  Detailed Description

Detailed Description
...   also possible to process the created file by
  OCR technology which can recognise text, both in the lay
  out of the form and in the **fields** which have been filled
  in by a user. **Creating** a corresponding **database   form** from
  , scanned image of a **form** requires, however, comTDrehensive and
   "[...] [...] image analysis software. The identi
  [...] and orientation of the form is to be determined and
  [...] entries on the...

6/3,K/17   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00839992   **Image available**
METHOD AND SYSTEM FOR FORM PROCESSING
PROCEDE ET SYSTEME DE TRAITEMENT DE FORMULAIRES
Patent Applicant/Assignee:
  SIEMENS ELECTROCOM L P, 2910 Avenue F, P.O. Box 95080, Arlington, TX
    76005-1080, US, US (Residence), US (Nationality)
Inventor(s):
  BRUCE Ben F, 4900 Sagebrush Court, Arlington, TX 76017, US,
  KIANI Shahrom, 400 South Fielder Road, Arlington, TX 76013, US,
  BISHOP-JONES Brenda J, 3901 NW Brookview Way, Portland, OR 97229, US,
  SEIDEL Gert J, Britenriedstrasse 14, 78465 Konstanz, DE,
  KESSLER Linda J, 304 9th Street, Washington, DC 20003, US,
Legal Representative:
  MEYERS Philip G (agent), Philip G. Meyers Intellectual Property Law,
    P.C., 3121 Cross Timbers Road, Suite 114, Flower Mound, TX 75028, US,
Patent and Priority Information (Country, Number, Date):

Detailed Description
... DETAILED DESCRIPTION
  Figure I illustrates a simple version of a system according to the
  invention for handling a series of COA forms 1 1. COA **forms** I 1 are
  scanned one at a time by a scanner 20. The image data is sent to an
  optical character recognition module 22 that **creates** text **data based**
   on the image. Such OCR software may or may not be specifically designed
  to read the form then in use, i.e., may scan only certain predetermined
  areas of the forra for each data **field** , such as "former address-street"
  for an area of the image corresponding to the blank having that
  description on the form.

  The software may also...

 6/3,K/18   **(Item 11 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00829955   **Image available**
METHOD AND SYSTEM FOR DISTRIBUTING HEALTH INFORMATION
PROCEDE ET SYSTEME DE TRANSMISSION D'INFORMATIONS MEDICALES

Detailed Description
... with new
  patient(
  dim time stamp
  dim num 3f item

```
dim couiite@r
time stamp = cstr(now( time stamp
coujZer m 0
length = cint(Request. Form ("countff)) number of fields to extract
from
request form
 create an entry in the patients table and get the new id
set cnnl = server.CreateObject("adodb,connectionvl)
crml-;Open Ifiledsn7--cardionet.dsn"
set rstl = server.CreateObject(Iladodb,recordset")
rstl.ActiveConnection = cunl...
```

6/3,K/19   (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00802534
ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE
      Applicant/Assignee:
   ---RAIN SOLUTIONS LLC, 1200 Mountain Creek Road, Suite 440, Chattanooga,
      TN 34705, US, US (Residence), US (Nationality), (For all designated
     states except: US)
Patent Applicant/Inventor:
  WARREN Peter, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405,
     US, GB (Residence), GB (Nationality), (Designated only for: US)
  LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence),
     US (Nationality), (Designated only for: US)
Legal Representative:
  MEHRMAN Michael J (agent), Paper Mill Village, Building 23, 600 Village
     Trace, Suite 300, Marietta, GA 30067, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200135216 A2-A3 20010517 (WO 0135216)
  Application: WO 2000US31231 20001113 (PCT/WO US0031231)
  Priority Application: US 99164884 19991112
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  S1 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 275671

     International Patent Class: **G06F-009/44**
     International Patent Class: **G06F-017/22**
Fulltext Availability:
  Claims

Claim
... for a particular application. The records in the Data Relation Table
   17, in turn, can be correlated into higher-level software and data
   structures to **create** software modules, **databases** , spreadsheets, and
   any previously-unknown type of data 1 0 item. Thus, the Data
   Classification interface 26 effectively serves as a universal interface
   for all...
...The Data Classification interface 26 also contains and communicates both
   with the visual or other output interfaces and with the language
   processing system 18, which **converts** natural language input into
   Numbers Concept Language records that can be entered into the Data
   Relation Table 17 by way of the classification interface. As a result,
   software modules and data structures implemented within the Data Relation
   Table 17 can have the ability to receive and process natural language
   input, as well as machine languages and virtually any other type of
```

input. The...Any computing machine is used for scientific research and a
children's entertainment system will have significantly different sets of
Data Classes. Each Data Class **forms** a column in the NCL dictionary 38,
and each data component in the dictionary forms a row, which is referred
to as a "record." To...Concept Language, these three different
meanings should be assigned to either to:
1) Three different operations - processes to be used as rules operating
on the
**translation** to Concept language of the surrounding text - or to
2) Three different Concept Symbols, or to
63
) A combination of these - such that each different...a reasonable
selection of Data Categories that can be used for identifying any stored
item in a computer, or any attached item. Essentially, this method
**creates** a limited Concept Language that is capable of being used to
control a computer in most cases, but will not take account of different
phrasings...

...such as 'Print X' previously described, provided the user uses the
specific word 'Print'or whatever synonyms the programmer has provided
for'Print'. This method **produces** a major benefit by itself as it solves
one of the major problems that exist in the state of the art - the
increasing and major...to other words, and this requires thinking
observation of the human use and behavior of the 0 word. Concept
Hierarchies enable Data Classes to be **established** because the
relationship
between Concept Hierarchies and Data Class is as follows:
A Data Class is a group of words or items that have the...changing them
in a variety of ways per the methods described, so that when a
) In the case where Language Y now needs to be **translated** into an
existing Numbers Concept Language, The first step is to **create** a
Language Y Concept language. Then someone who is familiar with both
Language Y Concept Language and pre-existing Language X Concept Language
can look...differently by the Any-to-Any machine.
The following steps apply to Meaning Words only:
22) Step 3. For each Meaning Word that takes multiple **forms** ,
isolate each individual Base Concept. A 'Base Concept' is defined as
'that part of the overall meaning of a word that does not change, despite
...not treated in the same manner when translating them into or from a
Concept language. Additionally, while Meaning Words always appear in the
Concept Language **Translation** in some shape or **form** , Operator Words do
not always appear in the translated version. 1 0 Sometimes their presence
simply launches an Operator Rule governing the manner in which...

6/3,K/20      (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

*09/669,594*

00790595     **Image available**
METHOD, APPARATUS, AND SYSTEM FOR ENABLING CREATION AND MAINTENANCE OF
    REMOTE CGI SCRIPTS ON THE INTERNET
PROCEDE, DISPOSITIF ET SYSTEME PERMETTANT DE CREER ET CONSERVER A DISTANCE,
    SUR L'INTERNET, DES SCENARIOS CGI
Patent Applicant/Assignee:
  INSTANTIS INC, 913 Hermosa Court, Sunnyvale, CA 94085, US, US (Residence)
    , US (Nationality)
Inventor(s):
  RAJE Prasad, 34336 Dunhill Drive, Fremont, CA 94555, US,
Legal Representative:
  MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,
    12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025, US,
Patent and Priority Information (Country, Number, Date):
  Patent:              WO 200124093 A1 20010405 (WO 0124093)
  Application:         WO 2000US26883 20000929  (PCT/WO US0026883)
  Priority Application: US 99157350 19990930; US 2000669594 20000926
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 17733


Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description


Detailed Description
... form (validation, emailing, logging etc). From here, the customer can
  choose to customize each of these functionalities described herein.

  In one embodiment, there is a **form    parser** script (for example, named
  if **parser** .CGI") that **parses** the customer **form** and creates a
  representation of the input **fields** of the form. The representation
  could be some textual format or perhaps some language specific (e.g.,
  Perl or Java) data structures that can be included by other scripts.
  In one embodiment, the parser.CGI also **creates** a **database    table** for
  this form, with table columns being form input **fields** . The table might
  also contain spare columns for later use.

  In one embodiment, the teachings of the present invention can be utilized


 **6/3,K/21      (Item 14 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.


00752086    **Image available**
**SYSTEM AND METHOD FOR GENERATING DECISION TREES**
**SYSTEME ET PROCEDE DE CREATION D'ARBRES DE DECISION**
Patent Applicant/Assignee:
  ORACLE CORPORATION, 500 Oracle Parkway, P.O. Box 659507, Redwood Shores,
    CA 94065, US, US (Residence), US (Nationality)
Inventor(s):
  RUNKLER Thomas A, Siemens AG, Corporate Technology, D-81730 Munich, DE,
  ROYCHOWDHURY Shounak, Oracle Corporation, 500 Oracle Parkway, Redwood
    Shores, CA 94065, US,
Legal Representative:
  CARLSON Stephen C (et al) (agent), McDermott, Will & Emery, 600 13th
    Street, N.W., Washington, DC 20005-3096, US,
Patent and Priority Information (Country, Number, Date):
   Patent:              WO 200065480 A2-A3 20001102 (WO 0065480)
   Application:         WO 2000US10654 20000421  (PCT/WO US0010654)
   Priority Application: US 99130636 19990423
  Designated States: JP
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 7367


Main International Patent Class:  **G06F-017/30**
Fulltext Availability:
  Detailed Description


Detailed Description
  SYSTEM AND METHOD FOR GENERATING DECISION TREES
   **FIELD** OF THE INVENTION
  The present invention relates to data analysis and more particularly to
  generating decision trees.

  BACKGROUND OF THE INVENTION

Data mining, knowledge discovery, and other **forms** of data analysis involve the **extraction** of useful information from vast amounts of accumulated data. For example, pharmaceutical companies are **creating** large **databases** listing drug compounds and their features, such as which diseases that are effectively treated by which drug compound and what are the drug compound's...


**6/3,K/22      (Item 15 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.


00743939     **Image available**
CONTROL OF SERVER-ORIGINATED DYNAMIC DIGITAL SIGNAGE AT CLIENT SITE USING
    AUTOMATED DATA ACQUISITION
COMMANDE D'UNE SIGNALISATION NUMERIQUE DYNAMIQUE EMISE PAR SERVEUR DANS LE
    SITE CLIENT GRACE A UNE ACQUISITION DE DONNEES AUTOMATISEE
: , -, . Applicant/Assignee:
  FRANKEL & COMPANY, 111 East Wacker Drive, Chicago, IL 60601, US, US
    (Residence), US (Nationality)
Inventor(s):
  ALMAGRO Manolo B, 850 N. State Street #15e, Chicago, IL 60610, US
  HOFFMAN Geoffrey D, 1838 W. North Avenue, Apt. #3, Chicago, IL 60622, US
Legal Representative:
  PERKINS Jefferson, Suite 3300, 330 North Wabash Avenue, Chicago, IL
    60601-3608, US
Patent and Priority Information (Country, Number, Date):
  Patent:              WO 200057308 A1 20000928 (WO 0057308)
  Application:         WO 2000US7326 20000320  (PCT/WO US0007326)
  Priority Application: US 99274795 19990323
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12258


  : International Patent Class:  **G06F-017/30**
  : International Patent Class:  **G06F-017/60**
  Text Availability:
   Claims


Claim
... 1325
  A- I L- - - - - J
  1409 L ---------------------------- 4 a 1
  T --3 - - - 1
  L - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -1 -il 1411
  - - - - 4
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -A-t-S S
  t - - - - - - - - - -
  I F
  **ASSEMBLE   DATABASE**
FROM CLIENT SOURCES FIG, 15
1507 RETRIEVE DATA WITH TRANSMIT  **TEMPLATE**  1501
MATCHING METATAGS PRESENTATION
1509 **PARSE** INTO TAB- STORE  **TEMPLATE**  1503
DELINEATED **FIELDS** PRESENTATION
lid
1511 NTO CORRESPONDING
  **FIELDS** IN TEMPLATE
1513 CUSTOMIZED PRESENTATION
1515

1601
FIG. 1 6 a 1603
DEPARTURE STATUS Flight Number 676
Destination PHX/Phoenix, AZ
Overview for Phoenix, AZ...


 6/3,K/23      (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
   ,004 WIPO/Univentio. All rts. reserv.

...79140      **Image available**
NETWORK MANAGEMENT SYSTEM
SYSTEME DE GESTION DE RESEAU
Patent Applicant/Assignee:
  KUYKENDALL William,
Inventor(s):
  KUYKENDALL William,
Patent and Priority Information (Country, Number, Date):
  Patent:            WO 200042513 A1 20000720 (WO 0042513)
  Application:       WO 2000US615 20000111  (PCT/WO US0000615)
  Priority Application: US 99115376 19990111
Designated States: AU CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE
Publication Language: English
Fulltext Word Count: 13412

Main International Patent Class:  G06F-013/00
International Patent Class:  G06F-017/00
Fulltext Availability:
  Claims
Claim
...  Rejection
  correct CGI Application
  Actio
  1618 our esolution
  : +m
  1,0
  Submit to
  Resolution CGI
  Application
  1614
  n roced u re)*-@@
  FIG, 16
  /22
  1700
  1702
  **Parse   Form** Data
  1704 170
  Yes Create SQL
  ect on statement from form
  data
  0
  1712 Look up Ir
  original Update Status 1708
. icketinfo **field**  to 'Rejected'
  from in Reported
  Reported Problems **Table**
  Problems
  tabi
  1714 -7@@
  **Create**  SQL
  statement from form
  data and original .
  ticket info
  1716 Record closed
  ticket info in
  Problem History

Table
if
1718 Delete all records for
this...


 6/3,K/24      (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00543744      **Image available**
**AN INDEX TO A SEMI-STRUCTURED DATABASE**
**INDEX POUR UNE BASE DE DONNEES SEMI-STRUCTUREE**
Patent Applicant/Assignee:
  BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
  STEEL Samuel William Dyne,
  KRUSCHWITZ Udo,
  WEBB Nicholas John,
  DE ROECK Anne Nellie,
  SCOTT Paul David,
  TURNER Raymond,
  TSUI Kwok Ching,
  WOBCKE Wayne Raymond,
  AZVINE Behnam,
Inventor(s):
  STEEL Samuel William Dyne,
  KRUSCHWITZ Udo,
  WEBB Nicholas John,
  DE ROECK Anne Nellie,
  SCOTT Paul David,
  TURNER Raymond,
  TSUI Kwok Ching,
  WOBCKE Wayne Raymond,
  AZVINE Behnam,
Patent and Priority Information (Country, Number, Date):
  Patent:             WO 200007117 A2 20000210 (WO 0007117)
  Application:        WO 99GB2517 19990730  (PCT/WO GB9902517)
  Priority Application: GB 9816648 19980730; EP 98306106 19980731
Designated States: AU CA NZ SG US AT BE CH CY DE DK ES FI FR GB GR IE IT LU
  MC NL PT SE
Publication Language: English
Fulltext Word Count: 10785

Main International Patent Class:  **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
...  in a semi-structured
  format. A semi-structured database is a database in which
  some of the data within the database is stored in specific
   **fields**  which denote the type of data whereas the remainder
  of the data will simply be stored under a general  **field** ,
  such as a free text  **field** .

   **Databases**  of this  **form**  are generally  **created**  by either
   **scanning**  in hardcopy records having predetermined formats,
  or having an operator enter data manually. However,
  because of the versatility of free text type  **fields** , the
  data entered may vary in content and style. Whilst this
  reduces restrictions on the data that can be entered,
  making the  **database**  easier to  **create** , it does mean that the
  different types of data stored cannot be determined by
  identifying the field in which the data is stored.

  Examples of...

00520695     **Image available**
**METHOD AND SYSTEM FOR MIGRATING DATA**
**PROCEDE ET SYSTEME DE TRANSFERT DE DONNEES**
Patent Applicant/Assignee:
  SAGE IMPLEMENTATIONS L L C,
Inventor(s):
  ABRAMS Helene G,
Patent and Priority Information (Country, Number, Date):
  Patent:                WO 9952047 A1 19991014
  Application:           WO 99US7569 19990406  (PCT/WO US9907569)
  Priority Application: US 9856360 19980407
Designated States: AU CA DE GB IL JP MX AT BE CH CY DE DK ES FI FR GB GR IE
  IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 12054

Main International Patent Class:  **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
...  step of automatically loading the relational
  database table into the at least one temporary table.

  The method preferably includes the steps of
  associating the source **fields** with the destination
  **fields** based on the schema and creating **templates** for
  **transforming** the data from the at least one source based
  on the schema to obtain the transformed data.

  The method also preferably includes the steps
  of **creating** at least one intermediate **table** having a
  format and **fields** and linking the at least one temporary
  table and its **fields** with the at least one intermediate
  table and its **fields** . The format and the **fields** of the
  at least one intermediate table are substantially
  identical to the format and fields of the at least one
  destination table. The transformed data...of data in the
  destination tables to facilitate the match between the
  source data and the destination table. Based on the
  characteristics of the destination **table** , the Data Map
  Architect **creates** intermediate **tables** . The **tables** and
  **fields** of the temporary tables are linked to the tables
  and **fields** of the intermediate tables which are
  identical to the tables and **fields** of the destination
  **tables** .

  is 3.  **Create** Templates for Data Mappinc
  I
  The Data Map Architect allows the user to
  interactively create **templates** to govern mapping,
  **translating** , **transforming** the data in the **fields** of the
  source data to the **fields** in the destination table
  without coding. These templates use predefined data
  migration patterns and logical operators to provide
  instructions that translate and transform the source...

00520694     **Image available**
**DISTRIBUTED ARCHITECTURE UTILITY**

PROGRAMME UTILITAIRE A ARCHITECTURE REPARTIE
Patent Applicant/Assignee:
  MERRILL LYNCH PIERCE FENNER & SMITH,
Inventor(s):
  STEIN Derek N,
  THOMAS Arthur L,
  ALEXANDER Mark,
Patent and Priority Information (Country, Number, Date):
  Patent:              WO 9926177 A1 19990527
  Application:         WO 98US24262 19981113  (PCT/WO US9824262)
  Priority Application: US 97970483 19971114
Designated States: AL AM AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IS JP
  KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN
  YU GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
  DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR
  NE SN TD TG
Publication Language: English
Fulltext Word Count: 8590
Main International Patent Class:  G06F-017/60
Fulltext Availability:
  Claims

Claim
...  financial trading information
  comprising a set of trading data;
  B. a transaction generator for associating said financial trading
  information with a transaction data template having
   fields  associated with selected  members of the set of
  trading data and generating transaction data having said
  selected data associated with particular transaction data
  template  fields ;
  C. a converter for operating on said transaction data template and
  'd selected data and, by mapping, deriving, and
  sai I I I
  translating said selected data, generating a  conversion
   template  having data  fields  and  conversion  data
  associated therewith;
  D. preprocessing said  conversion  data in the  conversion    template
  to validate the format and/or content of the data; and
  E. processing the validated data to  generate  financial bookkeeping
   repository  data and updating previously stored
  bookkeeping  repository  data to  generate  current financial
  bookkeeping  repository  data.
  SUBSTITUTE SHEET (RULE 26)
  - 30
  A system for managing the transaction, irr the form of buying, selling,
  underwriting, distribution, tracking, clearing, and/or analyzing...


 6/3,K/27      (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00472977    **Image available**
METHOD OF EVOLVING CLASSIFIER PROGRAMS FOR SIGNAL PROCESSING AND CONTROL
DEVELOPPEMENT  DE  PROGRAMMES DE CLASSIFICATION POUR TRAITEMENT ET COMMANDE
    DE SIGNAL
Patent Applicant/Assignee:
  FARRY Kristin Ann,
  FERNANDEZ Julio Jaime,
  GRAHAM Jeffrey Scott,
Inventor(s):
  FARRY Kristin Ann,
  FERNANDEZ Julio Jaime,
  GRAHAM Jeffrey Scott,
Patent and Priority Information (Country, Number, Date):
  Patent:              WO 9904329 A2 19990128
  Application:         WO 98US14802 19980721  (PCT/WO US9814802)

Claim
... finishes according to the termination criteria, then. record
    data, results and statistics about each run separately;
    determine if genetic program converged to acceptable solutions; and
    **convert** signal classifiers from genetic program **form** into one
    appropriate for
    evaluation/execution by the embedded domain classifier program;
    Claim 3. A method of evolving programs to process at least one input
    signal comprising the steps of.
    **generating** a **database** of signals from said input signal channel;
    converting the signals in said input signal database to a form
    encountered in **field**
    use;
    calculating features from each signal in the converted signal database to
    characterizing the classification of said signals;
    producing at least one candidate classifying program...


 **6/3,K/28       (Item 21 from file: 349)**
**UNIVERSAL EPISTEMOLOGICAL MACHINE (A.K.A. ANDROID)**
**MACHINE EPISTEMOLOGIQUE UNIVERSELLE (ANDROIDE A.K.A.)**
Patent Applicant/Assignee:
    LATTI William E,
Inventor(s):
    LATTI William E,

Claim
... or of the universe) therefore must address state of being, or Soul, or
    it misses the mark on defining the nature and origin of knowable **form** ,
    for it is the **transformation** represented in state of being (one's soul)
    that gives rise to all knowing and all perceiving of the existence. In
    addition, if a universal...what transform in the mind's knowing in its
    essential quantum moment. That is one reason why epistemic instance is a
    universal representation of all **form** -it represents the universal

**transformation** of all objects; it stops the mind's knowing by ...
inertial reality conventionally defined as a person, place or
thing-become phenomena of enabled form, The quantum moments of our own
universe are captured and **translated** into those of enabled universes in
the phenomenological representation of epistemic instance. Hence,
epistemic instance is an epistemological **template** placed on all
knowable and perceivable form, corresponding to state of being. Just as
the symbolic expressions of the **forms** of mathematics are superimposed,
as a language, onto the aggregates we perceive in the world around us, in
transformation, epistemic instance is superimposed onto all...of a verb,
for example, a condition of extant reality is expressed. Enabled in the
conscious forms of the mind-body dualism or another arbitrary **form** of
existence, the mood of a verb is a known condition of a being's reality.
Mathematical formulations are typically framed in the indicative mood of
a verb, as in Tivo plus livo is equal to four. The subjunctive mood of a
verb, however, permits the mind 1 5 to **create** hypothetical or
imaginative forms, in that the mind's purpose is not simply to mirror
reality, as in the indicative mood, but to contemplate or...


 6/3,K/29     **(Item 22 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00376923
**STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE**
**STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION**
Patent Applicant/Assignee:
  HYPERMED LTD,
  OREN Avraham,
  OLCHA Lev,
  KOWALSKI Nahum,
  MARGULYAN Rita,
Inventor(s):
  OREN Avraham,
  OLCHA Lev,
  KOWALSKI Nahum,
  MARGULYAN Rita,
Patent and Priority Information (Country, Number, Date):
  Patent:              WO 9717666 A2 19970515
  Application:         WO 96IL131 19961023  (PCT/WO IL9600131)
  Priority Application: US 95551929 19951023
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
  PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM
  AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
  SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 263802

Main International Patent Class:  **G06F-017/30**
International Patent Class:  **G06F-17:21**
Fulltext Availability:
  Detailed Description

Detailed Description
...  InStr(strArg, ChrS(13))
  Do Until CRPosition = 0 Sub CopyRecord (tblDefFrom As
  Mid$(strArg, CRPosition, 2) TableDef, tblDefTo As TableDef,
  Chr$(I 0) tblFrom As **Table** , tblTo As **Table** ,
  CRPosition = InStr(strArg, FieldNotForCopy( As String)
  Chr$(13))
  Loop Dim FieldCount As Integer
  Dim FieldNumber As Integer
  End Sub FieldCount =
  tblDefFrom. **Fields** .Count
  Sub **ConvertCRToChrIO** (strArg As
  String) tbITo.AddNew

```
For FieldNumber = 0 To FieldCount
Dim CRPosition As Integer
If Not
CRPosition = InStr(strArg, Chr$(13) IsInArravStr(tblDefFrom. Fields (
Field
& Chr$(10)) Number).Name, FieldNotForCopyo
Do Until CRPosition = 0 'Men
strArg = Left$(strArg, CRPosition
1) & Mid$(strArg, CRPosition + 1) tbITo.Fields(tblDefFrom.Fields(FieldN
CRPosition...
```

 6/3,K/30   (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

  01437   **Image available**
METHOD AND APPARATUS FOR GENERATION OF CODE FOR MAPPING RELATIONAL DATA TO
    OBJECTS
PROCEDE ET   APPAREIL DE GENERATION DU CODE DE MISE EN CORRESPONDANCE DE
    DONNEES RELATIONNELLES AVEC DES OBJETS
Patent Applicant/Assignee:
  PERSISTENCE SOFTWARE INC,
Inventor(s):
  HENNINGER Derek P,
  JANSEN Richard H,
  KEENE Christopher T,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9503586 A1 19950202
  Application: WO 94US7890 19940714 (PCT/WO US9407890)
  Priority Application: US 9395322 19930721
Designated States: CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 11827

Main International Patent Class: **G06F-015/40**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... that manipulate the object and other
  objects to which it is related or from which it inherits, The
  generated routines, when executed (that is, when **converted** to
  an executable **form** which is then executed), provide
  transparent access to relational data or other **field** -delimited
  data. Object classes and routines generated using the method
  encapsulate all the details of **database** access, such that
   developers (computer programmers) can write object-oriented
  applications using those object classes without any explicit
  reference to or knowledge of the underlying database or its
  structure...

Claim
... processor to automatically generate code for object
  classes and routines according to said object model, said
  database schema, and said transform, including a routine to
   create at least one **table** in said structured database that
  corresponds to an object class in said object model.
  32o The method of claim 2 wherein said structured
  database is a **field** -delimited database, and wherein said step
  of using said processor to automatically generate code
  comprises using said processor to automatically generate
  source code that is suitable for **conversion** to an executable
   form which when executed automatically maps said information
  between said object-oriented application and said fielddelimited
  database.

33 The method of claim 2 wherein said structured...

 6/3,K/31   (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00183683   **Image available**
INTERACTION NETWORK SYSTEM WITH ELECTRONIC ORGANIZATIONAL ACTORS
SYSTEME DE RESEAU D'INTERACTIONS AVEC MODULES D'ACTION D'ORGANISATION
    ELECTRONIQUE
Patent Applicant/Assignee:
  RAMER AND ASSOCIATES INC,
Inventor(s):
  RAMER Jon E,
  EDELSTEIN Stephen A,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9101022 A1 19910124
  Application: WO 90US3779 19900705 (PCT/WO US9003779)
  Priority Application: US 89832 19890705
Designated States: AT AU BE BR CA CH DE DK DK ES FR GB IT JP KR LU NL SE
Publication Language: English
Fulltext Word Count: 14595

Main International Patent Class: G06F-009/318
International Patent Class: G06F-13:38 ...

... G06F-15:16
Fulltext Availability:
  Detailed Description

Detailed Description
... intended to be
  10 included within the entire spirit and scope of the invention, as
  defined in the following claims.

  SUBSTITUTE SHEET
  ACTION MODULE'S DEVELOPERS GUIDE
   Table of Contents
  Introduction
  I .About Elf Technology
  2. The Coordinator Interface to TAG
  Overview
  Tools for Building Templates
  Parameter Fields
  Use of the 'Action IDo Key Symbol Combination
  A Completed Template
  3. Sending Report Requests From TAG to the Data Warehouse
  Overview
  Sorting of Incoming Messages
   Parsing or Template Pammeters
  Example of 2. DW.P..EQUEST File
  4. Delivery or Report Response From the Data Warehouse to TAG
  Overview
  Read and Delete DW REQUEST...

 6/3,K/32   (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00139680
PAGED MEMORY MANAGEMENT UNIT CAPABLE OF SELECTIVELY SUPPORTING MULTIPLE
    ADDRESS SPACES
UNITE DE GESTION DE MEMOIRE ORGANISEE EN PAGES CAPABLE DE PRENDRE EN CHARGE
    SELECTIVEMENT DES ESPACES D'ADRESSES MULTIPLES
Patent Applicant/Assignee:
  MOTOROLA INC,

Detailed Description
... hit occurs
   in the ATC 26 with the entry's BERR bit set, or if a write
   attempt occurs with the WP bit set.

   5. **Translation** Tables.

   in the preferred **form** , the **translation** tables are structured
   as a tree. This tree structure reduces the size of the page
    tables that need to be **set**   **up** for most programs, since only a
   portion of the complete tree needs to exist.

   There are two types of translation tables: pointer tables,
   and page tables. Pointer tables **form** the branches of the
    translation table tree, while page tables are the leaves. The
   tables are composed of descriptors. The format is similar for
   both page and pointer descriptors, consisting of an address **field**
   and a control/status field, In general, the address field of a
   page descriptor is used to define the Logical to Physical Address
   mapping of...

```
File 275:Gale Group Computer DB(TM) 1983-2004/Mar 12
         (c) 2004 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2004/Mar 12
         (c) 2004 The Gale group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 11
         (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 11
         (c) 2004 The Gale Group
File  16:Gale Group PROMT(R) 1990-2004/Mar 11
         (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 05
         (c)2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Mar 12
         (c) 2004 McGraw-Hill Co. Inc
File  98:General Sci Abs/Full-Text 1984-2004/Feb
         (c) 2004 The HW Wilson Co.
File 553:Wilson Bus. Abs. FullText 1982-2004/Feb
         (c) 2004 The HW Wilson Co
File  88:Gale Group Business A.R.T.S. 1976-2004/Mar 11
         (c) 2004 The Gale Group
File  15:ABI/Inform(R) 1971-2004/Mar 12
         (c) 2004 ProQuest Info&Learning
File 635:Business Dateline(R) 1985-2004/Mar 12
         (c) 2004 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2004/Mar 11
         (c) 2004 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2004/Feb W5
         (c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Feb W5
         (c) 2004 IDG Communications
File 636:DIALOG Telecom. Newsletters 1995-2004/Mar 12
         (c) 2004 The Dialog Corp.
File 369:New Scientist 1994-2004/Mar W1
         (c) 2004 Reed Business Information Ltd.
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2004/Mar 11
         (c) 2004 San Jose Mercury News
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File  20:Dialog Global Reporter 1997-2004/Mar 12
         (c) 2004 The Dialog Corp.
File 613:PR Newswire 1999-2004/Mar 12
         (c) 2004 PR Newswire Association Inc
File 610:Business Wire 1999-2004/Mar 12
         (c) 2004 Business Wire.
```

Set	Items	Description
S1	57729	(FORM OR FORMS OR TEMPLATE? ?)(5N)(TRANSLAT? OR TRANSFORM? OR CONVERT? OR CONVERSION)
S2	20505	(FORM OR FORMS OR TEMPLATE? ?)(5N)(PARS??? OR SCAN???? OR -EXTRACT????)
S3	794891	(DATABASE? ? OR DATA()BASE? ? OR TABLE? ? OR REPOSITOR???)-(5N)(CREAT??? OR CONSTRUCT??? OR PRODUC? OR GENERAT? OR CREAT-??? OR BUILT OR BUILD??? OR ESTABLISH? OR DEVELOP? OR ASSEMBL-?)
S4	4556925	FIELD? ?
S5	297	S1:S2(50N)S3(50N)S4
S6	170	RD (unique items)
S7	150	S6 NOT PD>20010418
S8	101	S2(30N)S3(30N)S4
S9	49	S7 AND S8

02437296   SUPPLIER NUMBER: 65567998   (THIS IS THE FULL TEXT)
Web-Based Forms Fast.(OmniForm 4.1 forms generation software)(Software Review)(Evaluation)
Powell, James E.
WinMag.com, NA
Sept 28, 2000
DOCUMENT TYPE: Evaluation   LANGUAGE: English   RECORD TYPE: Fulltext
   ; Abstract
WORD COUNT: 1141   LINE COUNT: 00085

ABSTRACT: This article evaluates OmniForm 4.1 forms generation software.
It has added features and prices vary depending upon whether or not you are
upgrading this product.

TEXT:
       From the ".01" tacked on to the end of OmniForm's version number,
you'd never know the product has taken a giant leap forward in the year
since we reviewed it. (Read our review at
http://www.winmag.com/library/1999/0701/rev0041.htm.) Version 4.01 adds
eOmniForm.com, an online site, and puts features into OmniForm that let you
turn your OmniForm-created forms into Web-based data collection tools. If
you want to create Web-based forms, this is a very slick product. (click to
see larger image) The form as it appears in the forms creation workspace.
Let me back up a minute. OmniForm gives you the tools to **scan** an existing
 form (using the program's recognition engine) or build a new form (using
 a set of drawing tools), and then collect the data via a "Filler" program
or via an executable program that you can attach to the form when you
e-mail it to someone. OmniForm **builds** the underlying **database** and lets
you specify a variety of validation rules (**field** must be filled in, must
be numeric, must match a value in a pull-down list, and so on). It's
remarkably easy to set up, and no database knowledge is required. Version
4.01 adds a menu option that lets you post those forms to the Web so that
anyone anywhere can fill in new (but not view existing) data. The posting
process is transparent. After you sign up for the hosting service, getting
your form online is no more complicated than clicking a "Publish" command. ·
OmniForm handles all the details. Since **ScanSoft** hosts your **forms** , you
don't have to worry about FTP commands, CGI scripts, or special file
extension support from your service provider. Publishing is incredibly fast
- my 30- **field** form took less than 25 seconds to upload using a cable
modem. Not everything is perfect with this arrangement, however. Since
eOmniForm assigns the URL (which can be quite lengthy), be prepared to use
links when sharing the form's address. If you want to control the URL,
you're out of luck. (click to see larger image)
       The form as it appears after posting to eOmniForm.com. What's
remarkable is how ScanSoft enables almost all the user-interface features
of the OmniForm product in the online version of a form. Colors, shadows,
and layout are maintained with high fidelity. Validation is also enforced:
Make an error during data entry and a dialog box pops up when you click on
the Submit Form button. The cursor is placed at the proper field for
correction, too. Pull-down lists appear in real time. Only the Comb feature
(where you enter one character per space) wasn't rendered properly (there
was a blank field but no vertical comb separator lines). The program offers
a "Preview in Browser" so you'll know how your form will appear and behave.
OmniForm includes a Clear Form button on each page so users can erase all
data and then exit gracefully. In IE you can tab between fields. In
Netscape you must click on each field as you move through a form. The
service comes in three flavors. The Basic service hosts up to five forms
and is free for one year and $49.95/year thereafter. The SOHO service hosts
20 forms for $89.95/year, and the Enterprise service lets you publish 50
forms for $174.95/year. You can delete unused forms, so you may not go over
the 5-form limit of the Basic service. Certainly, the price of Basic
service is right if you want to try before you buy. As the form's creator,
you can also use the "Download" command to transfer data from the online
site to your identical database. It's on your own system where you can view

and manipulate those records. But how do you know when there's new data to
download? The eOmniForm management screen, available at www.eOmniForm.com,
offers two options. You provide an e-mail address and eOmniForm will notify
you when you receive more than x records or every y days when you have
records to download. The management screen also tells you how many records
have been stored and the dates of the last new record and when you last
downloaded records. It also lets you define the URL the user will be taken
to once their form is complete. Downloading records was incredibly fast in
my tests. All three levels of service limit you to storing 10,000 records
(i.e., filled out forms) online or 10MB (whichever occurs first), but when
you download data you extract only the newest records. You can delete the
online records using the eOmniForm management screen, though you'll have to
log on to the service using your browser; there's no link to it from within
OmniForm itself. There is one other important limitation: each form can
have no more than 10 pages and 256 fields. Should you change a form in
OmniForm, those changes are updated online when you re-post the form.
You'll want to collect all new records before you do so, because re-posting
a form deletes all the online data. The program offers limited security.
For example, you can set a password that users must enter before they can
enter data, and they have to know the URL (there's no catalog of forms at
the eOmniForm site). You will need your userID and password to download or
delete data or to set options. Under Netscape, there is no SSL support, so
don't use the forms for data such as credit card numbers. There are some
thoughtful touches to the package. For example, the first year of Basic
Service is free, and unlike some services, you don't have to provide a
credit card account number up front. ScanSoft will send you a reminder via
e-mail when it's time to pay. eOmniForm requires IE 5 or higher (it's
included on the installation disk) but otherwise is light on system
requirements. Users filling out a form must use IE 4.0 (and above) or
Netscape Navigator (version 4.07 and later). I liked OmniForm 4.0. If you
need to create a data-collection form on the Web, I've seen nothing simpler
than version 4.01. The full version costs $149, but if you own version 4
you can upgrade for $29.95. Version 2 and 3 users can upgrade for $79.95.
That's a steal. The prices of the SOHO and Enterprise service levels make
them good deals as well. OmniForm 4.01 is easy to use and recommend, which
why it replaces version 4.0 on the WinList.
        2000 CMP Media Inc.
        COPYRIGHT 2000 CMP Media, Inc.

GEOGRAPHIC CODES/NAMES: 1USA   United States
DESCRIPTORS: Forms generation software; Software single product review
EVENT CODES/NAMES: 350 Product standards, safety, & recalls
PRODUCT/INDUSTRY NAMES: 7372422 (DBMS Utilities)
SIC CODES: 7372   Prepackaged software
NAICS CODES: 51121   Software Publishers
TRADE NAMES: OmniForm 4.1 (Forms generation software)--Evaluation
FILE SEGMENT: CD File 275

 9/9/6   (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02058225   SUPPLIER NUMBER: 19341508   (THIS IS THE FULL TEXT)
OmniForm 2.0. (Caere's forms generation software) (Software
  Review)(Evaluation)(Brief Article)
Norr, Henry
MacUser, v13, n6, p46(1)
June, 1997
DOCUMENT TYPE: Evaluation Brief Article   ISSN: 0884-0997
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 547   LINE COUNT: 00046

TEXT:
     Make paper forms interactive -- but then what?
     OmniForm 2.0, $199 (estimated street). Company: Caere, Los Gatos, CA;
--0-L 35-7226 or 408-395-7000; http://www.caere.com/.
     OMNIFORM, FROM CAERE, IS designed to help you and your company replace

paper with pixels: It can be used to design printed business forms, but its
main focus is on replacing them with interactive digital forms -- and it
does a good job of it. Unfortunately, however, the program doesn't allow
. .   .c much with those forms -- or the data they contain once they're
   . . : : .. .

     The 3199 application lets you create digital forms from scratch, using
  n. :a:d drawing and text-formatting tools. Its real forte, however, is
digitizing existing paper **forms** you've **scanned** or received via fax
modem. Using the **scanned** document as a **template** , OmniForm automatically
converts empty spaces into fillable **fields** . You can then employ
OmniForm to customize the **fields** ' appearance and behavior: add pop-up
lists, tables, and check boxes; set minimum and maximum values for
acceptable entries; and make some **fields** mandatory for completing the
form. The graphical Calculation Builder lets you define formulas that
automatically fill some **fields** based on data entered in others.

     OmniForm saves data to a **built** -in **database** , which you can flip
through or search; if you want to create reports, you'll have to export the
data to another program. Unfortunately, there is no way to export the forms
themselves for use in other programs, such as database applications, or to
convert an OmniForm table to HTML for use on the Web.

     When your design is complete, you can print it or -- more logically --
distribute it electronically within your company. A fill-only version
called OmniForm Filler ($99, or less in multiuser packs) is due soon.

     Caere labels the new program Version 2.0, to match its Windows
sibling, but this is actually the first release for the Mac. We found
several rough edges: Online help would not launch on our system; fillable
fields were highlighted in a garish yellow, which there was no way to
change; text entered in table cells touched the cell borders, unless we
typed in offset values. And in general, the program made us deal with far
  . . many dialog boxes.

     OmniForm is the first challenger in years to the leading
  . . . .an-based (but also cross-platform) forms software, Shana's Informed
 . si:ner and Informed Filler. Informed Designer costs more than OmniForm --
3295 -- and it has no built-in scanning support, so the Caere package is a
better bet for working with existing paper forms. But the Shana products
are more mature, and they offer a variety of options that OmniForm does
not, including automatic database lookups; built-in Internet support; and
workflow features such as routing lists, tracking, and digital signatures.

     The Bottom Line

     OmniForm does what it advertises -- enables you to scan paper forms
and quickly convert them to electronic ones -- but it could use more
polish, including HTML support and integration with database applications.
If your organization is serious about digitizing not just forms but also
information flow, more mature (if more-expensive) programs from Shana might
be a better bet.

 COMPANY NAMES: Caere Corp.--Products
 DESCRIPTORS: Forms Generation Software; Software Single Product Review
 SIC CODES: 7372 Prepackaged software
 TICKER SYMBOLS: CAER
 TRADE NAMES: OmniForm 2.0 (Forms generation software)--Evaluation
 FILE SEGMENT: CD File 275

 9/9/37   (Item 2 from file: 15)
 DIALOG(R)File 15:ABI/Inform(R)
      _ ... ProQuest Info&Learning. All rts. reserv.

 . ~49267 05-00259
Healthcare: **Healthcare technology and AIIM**
Maisel, James M
Inform v13n6 PP: 12 Jun 1999 ISSN: 0892-3876 JRNL CODE: IFN
DOC TYPE: Journal article LANGUAGE: English   LENGTH: 1 Pages
WORD COUNT: 759

ABSTRACT: There were a number of interesting points regarding healthcare at
AIIM '99. The medical environment poses some interesting challenges for the

IT industry. These challenges are not technical, yet the demand for solutions from the healthcare industry is not being filled. Vendors who can identify needs and adapt their products quickly have the opportunity to capture significant parts of the large and rapidly growing market in medical information sytems.

TEXT: There were a number of interesting points regarding healthcare at AIIM '99. The vertical healthcare track had excellent lectures, though somewhat lightly attended. This may reflect the high number of more focused medical IT meetings surrounding the event such as the recent HIMMS meeting and subsequent Orlando meeting of TEPR (Towards the Electronic Patient Record). A number of lessons can be learned from both the enduser and vendor perspective.

As a physician, I was surprised to see that vendors lacked focus regarding healthcare. While many of the vendors have extensive healthcare divisions, the applications that were shown were almost exclusively focused on document management (DM). It was impressive to see so many vendors offering robust, scalable solutions for DM. Many of the products allow **scanning** of **forms** and collection of structured data into databases, some with a workflow component. I saw one product that provided routing of the scanned and OCRed document for review by an editor who was provided with tools to refine the input and sign off on the accuracy of the data capture. Some of the **products** could actually **construct** their own **database** from the **fields** on the fly. Several companies did have extensive experience in dealing with medical claim forms at extremely high volumes. Many of the vendors offered. Internet-based management of the archived documents that was scalable to enterprise levels.

It was taken for granted that all systems had open architecture and were easily integrated with other tools and could function in a best-of-breed environment with seamless integration of systems. Robust security features were present on virtually every system. However, it was difficult to tell whether these could support the very stringent requirements of healthcare that may require control at the data field level in addition to user and group access.

DM has only recently been accepted as a necessary feature for computerized patient records systems. One of the recent Davies Awards from the CPRI (Computerbased Patient Records Institute) was for a simple system that incorporated DM. As of yet, only several vendors are offering it as a tool. There are several vendors that have attempted to place DM as a piece of the computerized record system, but no vendor has completely satisfied all of the requirements for a comprehensive system for a single physician, let alone an integrated delivery system without walls.

Regardless of the computerized status of the medical environment, there will always be paper records that follow the patient from prior encounters and from external, less sophisticated sources. In designing systems, vendors and implementers must keep in mind that there will always be healthcare workers who will not be able to deal with complicated computer interfaces (i.e. Windows) and those that must use paper. Until we have robust, redundant information systems, there will be occasions when systems are down and one must resort to paper-based alternatives for documentation. Also, let us not forget the tremendous amounts of legacy data on paper and microfiche documents in the current medical environment that must be accommodated by the new systems.

In medicine, we deal with multimedia data, not just documents. The data may consist of structured forms, scanned documents, images, video, and audio. Since my special interest is in speech recognition, I searched the show floor looking for vendors incorporating speech in their products – with little success. The feedback from the medical industry is that speech is a highly desirable means of data input due to the need for speedy input of data and flexibility of variable information. I was surprised to see the absence of multimedia object management, although, when questioned, several of the vendors actually used object-oriented databases for document storage and could accept other objects such as voice or video. Whether or not the

workflow or tools were sufficient for medical applications remains to be
determined. Missing a single scenario can have drastic implications.

The medical environment poses some interesting challenges for the IT
industry. These challenges are not technical, yet the demand for solutions
from the healthcare industry is not being filled. Vendors who can identify
needs and adapt their products quickly have the opportunity to capture
significant parts of the large and rapidly growing market in medical
information systems. I hope to see these solutions at AIIM 2000.
Author Affiliation:

James M. Maisel, M.D. is the founder, CEO, and manager of ZyDoc
Technologies, a software company specializing in speech recognition and
specialized language models, as well as an ophthalmologist and
vitreoretinal surgeon with a multi-site ophthalmology practice on Long
Island, New York. He can be reached at JM909@aol.com.

THIS IS THE FULL-TEXT.   Copyright Association for Information & Image
Management International 1999
COMPANY NAMES:
Association for Information & Image Management
GEOGRAPHIC NAMES: US

DESCRIPTORS: Conferences; Information management; Health care industry;
    Product development
CLASSIFICATION CODES: 9190 (CN=United States); 5240 (CN=Software & systems)
    ; 8320 (CN=Health care industry); 7500 (CN=Product planning &
    development)

 9/9/39   (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
       04 ProQuest Info&Learning. All rts. reserv.

 . .   00-88297
ExperForms builds Web site, database from scanned forms
Anonymous
Information Today v14n5 PP: 60 May 1997 ISSN: 8755-6286 JRNL CODE: IFT
DOC TYPE: Journal article LANGUAGE: English   LENGTH: 1 Pages
WORD COUNT: 288

ABSTRACT: ExperTelligence has announced the availability of WebBase
ExperForms, which converts scanned forms from OmniForm into a dynamic Web
site with active electronic forms linked to a database.

TEXT: ExperTelligence has announced the availability of WebBase ExperForms,
which **converts** **scanned** **forms** from OmniForm into a dynamic Web site
with active electronic forms linked to a **database** . Caere's OmniForm
Internet Publisher **generates** the WYSIWYG electronic **forms** from **scanned**
 paper originals. The result is an electronic form published on an intranet
or the Internet with active **fields** that can be populated by any browser
and the information stored to a Microsoft Access database (additional ODBC
compliant databases will be supported in the near future). Once completed,
the Web form can be updated by anyone using a browser, while the database
stores all the new information.
In a matter of minutes, WebBase ExperForms builds a complete functioning
Web site from one or more **scanned** **forms** created by OmniForm Internet
Publisher. All the HTML files and codes connecting the files to a **database**
 are **created** automatically. Within seconds, all the Web pages for adding,
editing, searching, and displaying records are up and running. With
 these tools, there is no need for CGI scripting, programming, or APIs.

The user realizes the benefit of both paper and electronic forms with
significant advantages over standard HTML forms. OmniForm offers an Open
Forms Markup Language (OFML) plug-in that presents forms that look just
like the paper originals and allows users to embed "intelligence," such as
calculations and validation parameters, into these forms. WebBase with
ExperForms and OmniForm Internet Publisher are 32-bit software applications

for Windows 95 or Windows NT. The system requires a scanner, ODBC drivers, WebBase with ExperForms, OmniForm, a browser, and Caere's OFML plug-in. The OmniForm/ WebBase bundle is available for about $1,000. The product can be purchased through Caere's resellers or ExperTelligence.

9/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02437296   SUPPLIER NUMBER: 65567998   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Web-Based Forms Fast.(OmniForm 4.1 forms generation software)(Software
    Review)(Evaluation)**
Powell, James E.
WinMag.com, NA
Sept 28, 2000
DOCUMENT TYPE: Evaluation   LANGUAGE: English   RECORD TYPE: Fulltext
    ; Abstract
WORD COUNT: 1141   LINE COUNT: 00085

TEXT:
     ...see larger image) The form as it appears in the forms creation
workspace. Let me back up a minute. OmniForm gives you the tools to **scan**
an existing **form** (using the program's recognition engine) or build a new
form (using a set of drawing tools), and then collect the data via a
"Filler" program or via an executable program that you can attach to the
form when you e-mail it to someone. OmniForm **builds** the underlying
database and lets you specify a variety of validation rules (**field** must
be filled in, must be numeric, must match a value in a pull-down list, and
so on). It's remarkably easy to set...
     ...sign up for the hosting service, getting your form online is no more
complicated than clicking a "Publish" command. OmniForm handles all the
details. Since **ScanSoft** hosts your **forms** , you don't have to worry about
FTP commands, CGI scripts, or special file extension support from your
service provider. Publishing is incredibly fast - my 30- **field** form took
less than 25 seconds to upload using a cable modem. Not everything is
perfect with this arrangement, however. Since eOmniForm assigns the URL...

 9/3,K/2   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02400980   SUPPLIER NUMBER: 62061145   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Drupa 2000 Preview: Industry Trends And Our Guide to the Exhibits.
Seybold Report on Publishing Systems, NA
May 8, 2000
ISSN: 0736-7260   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 49831   LINE COUNT: 04010

   ...   of Imposition Publisher. The Linux version has the same
functionality as the other Unix and NT versions.
        First Logic: 18 A01
        First Logic is a **developer** of **database** applications for direct
mail and E-commerce. Its Postsoft system provides address correction,
presorting and label generation to postal standard. The I.D.Centric package
   ...

    ...data coming from multiple sources within a company.
        The eDataQuality system is a real-time data validation and cross-
checking tool for online transactions. It **parses**   **form**   **field** contents,
compares the incoming data with reference sources such as the U.S. Postal
Service's National Directory and corporate databases, imposes uniform
formatting and...

 9/3,K/3   (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02337905   SUPPLIER NUMBER: 55989802   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Info sharing heats up at fall Internet World.(products from Xerox, Contigo
    Software; enhanced WebEx service)(Product Announcement)**
Degnan, Christa

...   users to disseminate scanned documents automatically via e-mail,
fax and remote printers, said officials of the Rochester, N.Y., company.
FlowPort includes a PaperWare **form** interface that is **scanned** into the
system with the documents. Users can design PaperWare forms with specific
routing **fields** to **create** workflows and document **repository**
destinations.
      "It's really streamlined things," said FlowPort beta tester Robert
Caciola, printing and services specialist for Honeywell Inc.'s industrial
automation and controls unit...

9/3,K/4   (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

      Vibe Enterprise 1.0 features GQB (Graphical Query **Builder**), which
uses **tables** and **fields** to **create** **databases** without SQL coding.
      GQB components ease application design by automatically generating
forms and **templates** for data being **extracted** from a **database** .
      The software gives **developers** heterogeneous **database** support and
embedded services support for speedy performance. It also supports database
metaqueries and asynchronous database calls so end users can continue
working while lengthy...

9/3,K/5   (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

 ...   to a full-fledged OCR program.
      I was pleasantly surprised by ViewOffice's PrestoBizCard module, which
allows you to scan business cards into the appropriate **fields** of a **built**
-in contact **database** . BizCard did a fairly good job of organizing the
information correctly, even with a variety of business cards with different
configurations.
      Marking It Up
      Both ViewOffice and ePaper allow you to **scan** a **form** , use a variety
of markup and annotation tools to fill it out on screen, and then print or
fax the finished document. Unfortunately, the results...

9/3,K/6   (Item 6 from file: 275)

:2058225   SUPPLIER NUMBER: 19341508   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**OmniForm 2.0. (Caere's forms generation software) (Software
  Review)(Evaluation)(Brief Article)**
Norr, Henry
MacUser, v13, n6, p46(1)
June, 1997
DOCUMENT TYPE: Evaluation Brief Article   ISSN: 0884-0997
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 547   LINE COUNT: 00046

...   The $199 application lets you create digital forms from scratch,
.sing standard drawing and text-formatting tools. Its real forte, however,
    :::.'izing existing paper **forms** you've **scanned** or received via fax
    .:... '.':: 'he **scanned** document as a **template**, OmniForm automatically
 converts --::::.y spaces into fillable **fields**. You can then employ
.·..-...:. to customize the **fields**' appearance and behavior: add pop-up
 ::.::, tables, and check boxes; set minimum and maximum values for
acceptable entries; and make some **fields** mandatory for completing the
form. The graphical Calculation Builder lets you define formulas that
automatically fill some **fields** based on data entered in others.
    OmniForm saves data to a **built** -in **database**, which you can flip
through or search; if you want to create reports, you'll have to export the
data to another program. Unfortunately, there...

 9/3,K/7   (Item 7 from file: 275)

02039080   SUPPLIER NUMBER: 19147238   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Scanned Forms With Links On Web.
Newsbytes, pNEW02140056
Feb 14, 1997
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 278   LINE COUNT: 00026

    With the new add-on, WebBase can convert documents scanned on Caere's
OmniForm Internet Publisher. OmniForm generates identical electronic **forms**
 from **scanned** paper originals with active **fields** and information that
·an be stored to a Microsoft Access database. WebBase ExperForms allows
·hese OmniForm **scanned** **forms**, with links to the database, to be
.··-ssed by any Web browser.
    Once completed, the Web form can be updated by anyone using a browser
. . .

...to Newsbytes, Brian Colvin vice-president of marketing at
ExperTelligence, said, "With WebBase ExperForms all the HTML files and code
connecting the files to a **database** are **created** automatically. Within
seconds, all the forms with the ability to add, update, search and display
are up and running. The ease of scanning and automatic...

 9/3,K/8   (Item 8 from file: 275)

02021700   SUPPLIER NUMBER: 19021971   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Caere ships forms-recognition package. (OmniForm 2.0 OCR software)(Product
  Announcement)(Brief Article)**
Kahney, Leander
MacWEEK, v11, n2, p4(1)
Jan 13, 1997
DOCUMENT TYPE: Product Announcement Brief Article   ISSN: 0892-8118
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 213   LINE COUNT: 00020

Caere Corp. last week shipped Version 2.0 of OmniForm, a software package that **converts** paper **forms** into electronic ones, at Macworld Expo in San Francisco.

Available for $199, OmniForm 2.0 **converts** existing paper **forms** into digital replicas that can be filled out electronically.

The **scanned** **forms** have live **fields** and can be formatted, edited or spell checked using the system's text tools.

The package additionally **creates** a background **database** that allows the filled-out form to be manipulated, or imported and exported to other applications, including Microsoft Excel and Claris Corp.'s FileMaker and ClarisWorks.

Caere also unveiled an add-on that will let users fill out **scanned** **forms** across a network. Called OmniForm Filler, it will ship in February for $99.

These announcements follow the shipment of OmniPage Pro 7.0, its popular...

9/3,K/9   (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01998839   SUPPLIER NUMBER: 18767787   (USE FORMAT 7 OR 9 FOR FULL TEXT)
True to form.(GreenSoft's GreenForm 1.6 and Caere's OmniForm 2.0 forms
generators) (Software Review)(Evaluation)
Harrel, William
Home Office Computing, v14, n10, p44(1)
Oct, 1996
DOCUMENT TYPE: Evaluation   ISSN: 0899-7373   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 660   LINE COUNT: 00054

...   program is a good value, and GreenSoft promises a Windows 95 version later this year.

OmniForm. Compared with GreenForm, Caere OmniForm is the mother of **forms** software. In addition to automatically converting from **scanned** or faxed **forms** to electronic **forms** , it also has a spell-checker and allows you to save, search, and sort forms in a database. OmniForm's forms accept data from linked **fields** in Access, dbase and Paradox, allowing for automated form filling from your **database** records. Thus you can **create** multiple versions of the same form by simply changing various **fields** , such as, say, only the Name **field** . And right-mouse-button pop-up menus that provide choices from database records let you fill **fields** quickly and virtually automatically.

A Windows 95 application (there is also a Windows 3.1 version in the box), OmniForm provides a wizard-like Form...

9/3,K/10   (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

1961836   SUPPLIER NUMBER: 18527166   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Caere to bring OmniForm to Mac. (OmniForm OCR forms software
software)(Brief Article)(Product Announcement)
Kenney, Leander
MacWEEK, v10, n29, p4(2)
July 29, 1996
DOCUMENT TYPE: Brief Article Product Announcement   ISSN: 0892-8118
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 322   LINE COUNT: 00028

...   aimed at forms-intensive sites, such as education, government, health-care, insurance and law. OmniForm, which initially shipped a year ago, will allow users to **scan** and fax paper **forms** into the system, which then will create a replica using Caere's Logical Form Recognition System.

Caere said the package will recognize the **building** blocks of forms
-- including **tables** , boxes and **fields** -- and **create** a digital
document capable of being edited, spell checked or reformatted using the
system's editing tools.
OmniForm will also **create** a **database** that will store data from
completed forms and then let users manipulate the data. Users will be able
to import data to and export it...

 9/3,K/11   (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01893148   SUPPLIER NUMBER: 17867585
Electronic forms: gains aren't just on paper. (Caere's OmniForm, JetForm's
  BizForms, Delrina's PerForm) (Product Information)
Plain, Stephen W.
Home PC, v2, n7, p187(3)
 July, 1995
      ...5-1784   LANGUAGE: English   RECORD TYPE: Abstract

ABSTRACT: Electronic form software helps reduce the flood of paper in
offices by allowing **forms** to be created, **scanned** in, filled out,
printed and filed electronically. Caere's $349 OmniForm offers
sophisticated form creation, filing and searching, and it comes in Windows
and Macintosh versions. JefForm's $89 BizForms and Delrina's $129 PerForm
are available only for Windows. Like OmniForm, they can be configured with
automatic calculation **fields** . PerForm excels at enforcing data types in
form **fields** . PerForm and OmniForm both archive forms **generated** in a
database . The search mechanism in OmniForm's database is particularly
good. BizForms uses a folders-based form archiving system that is simple
but may not work...

 9/3,K/12   (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01496659   SUPPLIER NUMBER: 11744292   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Perform Pro. (201 ways to work smarter with Windows)(business tools)
  (Tutorial)
Lake, Matthew
PC-Computing, v5, n2, pWIN86(1)
Feb, 1992
DOCUMENT TYPE: Tutorial   ISSN: 0899-1847   LANGUAGE: ENGLISH
 ... TYPE: FULLTEXT; ABSTRACT
      ...: 243   LINE COUNT: 00018

 ...ABSTRACT: forms, a user can create a folder and set one DBF file as the
default data file for each form in the folder. A two- **field** security
system should be included to use a **scanned** signature in a **form** . Using
the comb tool for the first column results in the quickest and easiest way
to **create** a **table** . Select View and turn off the Show Graphics feature
to increase screen redraw speed in PerForm Pro Filler or Designer. Use
fixed rather than variable **field** lengths to make data file size smaller.
...   for each form in the folder. Select Open Folder in Perform Pro
Filler before you create the data file to allow data to flow into **fields**
with common names in all the forms.
      SIGNING **FORMS** ELECTRONICALLY
      To use a **scanned** signature in a **form** , include a two- **field**
security system. The first **field** should be a standard signature **field**
with password protection. The second **field** should be a fillable graphic
that looks up the signer's name from the signature **field** and brings in
the scanned signature.
      QUICK **TABLE** **CREATION**
      The fastest and easiest way to **create** **tables** is to use the comb
tool for the first column. With the comb selected, press F7 (or choose
Objects, Attributes) to specify the number of...

9/3,K/13   (Item 13 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01478135   SUPPLIER NUMBER: 12485401
**The right Approach for relational data base. (Approach data base management
   system from Approach Software Corp.) (Software Review) (Evaluation)**
Warner, Jack
San Jose Mercury News, p4F(1)
July 19, 1992
DOCUMENT TYPE: Evaluation   ISSN: 0747-2099   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: CA). Approach is easy to use and powerful. It uses icons and
dialogue boxes and users do not need to know a programming language to
create a **data base** . Approach has no file format of its own and instead
creates and reads dBASE III-plus or dBASE IV, Paradox or Oracle SQL files.
Users create reports and **forms** called views to **extract** selected data
from files. They can also select **fields** to **create data base**
relationships from on-screen lists and link them easily to produce reports
that pull data from different data bases. This method makes usually complex
relational...

9/3,K/14   (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01387954   SUPPLIER NUMBER: 09632337   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**InfoAlliance offers strong client/server functions. (Software Publishing
   Corp.'s InfoAlliance search software) (Software Review) (evaluation)**
Dayton, Doug
PC Week, v7, n47, p61(2)
Nov 26, 1990
DOCUMENT TYPE: evaluation   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 444   LINE COUNT: 00038

...   provides most of the functionality of a stand-alone forms-design
program. Forms are created using built-in object-oriented layout tools, or
users can **scan** a paper **form** into the system; next, the users specify
which data **fields** , text or graphics files to link to corresponding
fields on their form.
     Queries are **generated** by selecting **fields** on a **database**
"search" form, and custom-designed reports that require special form
designs can be generated using InfoAlliance's report generator. Creating a
custom report parallels the...

9/3,K/15   (Item 15 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01359473   SUPPLIER NUMBER: 08240248   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Living in the 4th dimension. (Software Review) (fourth-generation
   languages) (evaluation)**
Yager, Tom
UNIX Review, v8, n3, p87(5)
March, 1990
DOCUMENT TYPE: evaluation   ISSN: 0742-3136   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2820   LINE COUNT: 00219

ABSTRACT: Informix Software Inc's Informix-4GL RDS and Unify Corp's Accell
are two fourth- **generation database** language **products** that let
programmers quickly develop applications by automatically generating and

debugging code. Accell is layered on top of Unify's relational DBMS and provides a...

...color and line-drawing characters, and options can be invoked with function keys or mnemonic escape sequences. A 'Zoom View' feature lets the user tie **forms** together and **extract** more detailed information from a particular **field** . Informix's product uses a simpler interface but is faster than Accell and offers an integrated debugger. It has a rudimentary form generator and bases...

 9/3,K/16   (Item 16 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01355271   SUPPLIER NUMBER: 08338932   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Are you ready for smart forms? (Software Review) (Xerox FormBase, Indigo
   Software JetForm Design, Delrina Technology PerForm Designer
   forms-management software) (evaluation)
Ross, Randy
PC-Computing, v3, n5, p100(6)

     DOCUMENT TYPE: evaluation   ISSN: 0899-1847   LANGUAGE: ENGLISH
     RECORD TYPE: FULLTEXT; ABSTRACT
     WORD COUNT: 3140   LINE COUNT: 00248

...   screen, a front end for a database, and a Wysiwyg copy of a printed form. Pros: Can query, search, sort, append, and join on any **field** . Good network support. Macro recorder included. Cons- Limited **form** design features. Can import **scanned** images only via Windows clipboard. Only 60 days of free tech support. Updates planned/release date: A second-quarter update will include rulers, bar code...

...rulers, comb tool, or bar code support. Supports Bitstream fonts. Can import and scale graphics imported through Windows clipboard (requires full version of Windows). Image **field** type allows **creation** of image **databases** .
     SMART FEATURES
     Field Types: Text, numeric (scientific, currency, percentage, fixed), date, time, image, protected.
     Calculation: Fifty functions, including four-function math, logical operators, relational operators, global data change...form during design. Onscreen preview. Rulers and scroll bars. Extensive bar code support. Can import (but not scale).TIF,.PIC, .PCX, and .MSP files. Can **scan** , trace, and fill preprinted **forms** .
     SMART FEATURES
     Field types: Mandatory, date, time, numeric, default, incremented.
     Calculation: Sixty functions, including math plus logical operators, relational operators, concatenation, square root, sum, date, time, conditional statements.
     Error-checking: Validation of entered data based on constants, logical operators, references to values of other **fields** on the form, Within, Oneof (i.e., the designer must **create** a **table** of acceptable values). **Build** your own help screens, custom error messages.
     Import/export/lookup: Import .DBF and ASCII files. Assign database file/ **field** names during form design; look up data from multiple databases from within the form. JetForm Server does not offer file locking or record locking.
     JetForm...

 9/3,K/17   (Item 17 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01354314   SUPPLIER NUMBER: 08312056   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Create forms and manage data with one program. (Software Review) (Xerox
   FormBase 1.0) (evaluation)

DOCUMENT TYPE: evaluation   ISSN: 8756-7334   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1299   LINE COUNT: 00096

...   you comparable control over line thickness, gray shading, and form
size (see feature chart). You can import or scan graphics from other
programs into a **form** . You can also **scan** a preprinted **form** into the
program, but it comes in as a graphic image only. The **scanned   form** can
serve as a layout guide, but you have to reenter each **field** name to
create a corresponding **database** .
          DATA TRANSFER
          FormBase lets you import data directly from 1-2-3 Release 2/2.01 and
     later, and dBase files and export...my tests. When working with 1-2-3
     files, however, you can't import or export formulas, and you can't import or
     export text **fields** longer than 256 bytes.
          For most form-filling applications, FormBase's database capabilities
are more than adequate. But if you need to analyze the data...

 9/3,K/18   (Item 18 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01345652   SUPPLIER NUMBER: 08140686   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Xerox Desktop Software Formbase 1.0. (Software Review) (one of seven
  evaluations of forms-management software in 'Forms software eases
  creation process.') (evaluation)
Halliday, Caroline; Moser, Karen
PC Week, v7, n6, p81(1)
Feb 12, 1990
DOCUMENT TYPE: evaluation   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 585   LINE COUNT: 00045

ABSTRACT: Xerox Desktop Software's $495 FormBase approaches form design
from a **data   base** point of view, **generating   data   bases** as forms
are **created** and used. The user specifies fields to design forms; a field
may contain constants, variables, images, subtables, or subforms. Different
forms can be different views of the same database. **Field** size, font
styles, colors and borders are easily adjusted with dialog boxes. Users say
that FormBase's combination of a **data   base** and WYSIWYG forms- **creation**
interface results in great flexibility. The form-filling process can be
used to extract data from related **data   bases** . Other features of the
product buyers like include its ability to **scan** in existing **forms** as
well as its ease of learning and use.

 9/3,K/19   (Item 19 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01344020   SUPPLIER NUMBER: 07935104   (USE FORMAT 7 OR 9 FOR FULL TEXT)
In good form. (Software Review) (forms-management software)(includes
  related articles on database links, designing effective forms)
  (evaluation)
Templin, Ben
MacUser, v6, n1, p137(8)
Jan, 1990
DOCUMENT TYPE: evaluation   ISSN: 0884-0997   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4260   LINE COUNT: 00326

...   to build the shell of a form in a program such as SmartForm and
then cut and paste it into your database, adding the entry **fields** from
within the database itself -- another workaround. Clearly, forms programs

need to include more-sophisticated features before they can be considered viable alternatives to **databases** that have good forms capabilities **built** in.

Beta Watch

1stSCAN

For now, stay away from 1stSCAN from 1stDESK. 1stSCAN, despite its name, does not **scan forms** . It does, however, open MacPaint or PICT files. The documentation (which is poor) says it also opens TIFF files (the standard format for most scanners...

9/3,K/20   (Item 20 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01320827   SUPPLIER NUMBER: 07877772   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Bar code basics. (integrate bar codes with DBMSs) (buyers guide)
Watterson, Karen
Data Based Advisor, v7, n10, p108(5)
Oct, 1989
DOCUMENT TYPE: buyers guide   ISSN: 0740-5200   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3628   LINE COUNT: 00280

...   for DOS, and Paradox to make sure they would all accept alphanumeric Code 39 data into simple data entry forms. I used each program to **create** a small inventory **database** with two **tables** : one for **product** and one for supplier. After populating the **tables** with initial data, I **created** a simple **form** for updating the inventory. After **scanning** product identifiers (printed bar codes) for each product, the appropriate record appeared and I could enter the quantity.

Starting from scratch, each system took about 15 minutes to create. See Figs. 4, 5, and 6 for simple data entry screens that read ProdIDs and displayed the current information. The ProdIDs **field** is alphanumeric. The information could be keyed in or scanned in. Either way worked fine. That's how easy it is.

Labels

I hope by...

9/3,K/21   (Item 21 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01297197   SUPPLIER NUMBER: 07599051   (USE FORMAT 7 OR 9 FOR FULL TEXT)
DisplayForm II. (Software Review) (one of 17 evaluations of forms
   generation packages in 'Forms software fills in the blanks') (evaluation)
Kendall, Robert
PC Magazine, v8, n11, p146(2)
June 13, 1989
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 979   LINE COUNT: 00073

...   Inc. 221 Elizabeth St. Utica, NY 13501 (800) 356-8170 (315) 797-1805 List Price: Full version, $495; fill-in and print version (lacks forms **creation** and **database** setup), $295. Requires: 512K RAM, hard disk, graphics card and monitor (CGA, EGA, VGA, Hercules, Wyse, or Genius), DOS 2.0 or later.

In short: DisplayForm II is designed for **scanning** in and filling out preprinted **forms** . Creating forms from scratch is an excessively cumbersome process and changing them is even more difficult. Printing is very slow and output quality is poor...

...DisplayForm II

Deerfield Systems' DisplayForm II caters mostly to those who wish to fill in preprinted forms rather than create their own. It lets you **scan** in a **form** and attach database **fields** to the scanned image on-screen.

`You can then send both data and image to your laser printer, or just print
the data onto a...

...each field·in turn and inserting the desired math functions with the
function keys.
     DisplayForm allows you to store the form data in dBASE-compatible
database file, with a new record **created** for each completed form. It can
also import information from dBASE or ASCII files. Unfortunately, the
latter must be formated rather unconventionally, with each record in a
separate file and carriage returns after each **field** . Setting up a
database is reasonably straightforward, but he program's error checking
leaveas something to be desired. At one point we entered an invalid...

...using a different set of soft fonts than those used by the graphics
editor. This gives you high-quality print for filling out preprinted or
scanned **forms** . But since the sizes of the printed fonts don't match the
     those on the form you've created using the graphics editor, it can
       figuring out how much room to allow for fill-in **fields** on forms
       yourself.
     Printing forms is extremely time consuming if you are printing both
form and data. DisplayForm sends the image to the...

 9/3,K/22   (Item 22 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01239018   SUPPLIER NUMBER: 06199896   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Enhanced form-management software bolsters users' database applications.
Doler, Kathleen
PC Week, v5, n4, p24(1)
Jan 26, 1988
ISSN: 0740-1604   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 444   LINE COUNT: 00035

...   database options.
     FormEasy 3.0, priced at $495, is a formscreation package. Version 2.0
of FormScan, priced at $595, enables users to fill out **scanned   forms** by
merging database files with user-defined forms templates. Both packages can
be called from any database application using a FormEasy or FormScan macro,
which...

...database file with any form automatically, said GDI President ·
     Meneau.
     Version 3.0 of FormEasy has been enhanced to support math
     for each **field** , said Mr. Meneau. Additionally, the new
version now has a direct interface to Ashton-Tate's dBASE files, enabling
users to create **templates** that can automatically **extract** data for the
form from a dBASE file, he added. FormEasy, which works with dBASE III and
dBASE III Plus files, also enables users to **create** their own
dBASE-compatible **databases** , with filters and indexes, said Mr. Meneau.
     FormScan version 2.0 has been enhanced to enable users to define a
template without requiring expanded memory...

 9/3,K/23   (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

05549961   SUPPLIER NUMBER: 59977833   (USE FORMAT 7 OR 9 FOR FULL TEXT)
business essentials.(News Briefs)
HASKIN, DAVID
Home Office Computing, 17, 11, 97
Nov, 1999
ISSN: 0899-7373   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 3468   LINE COUNT: 00282

...   Scan & OCR 4.0

```
V      9
P      8
E      7
S      7
```

FormTool ($100; IMSI, 800-833-8082, www.imsisoft.com) lets you **scan** in paper **forms** and customize them. Like OmniForm, FormTool has the intelligence to discern which **fields** in **scanned** **form** are fill-in **fields** . You can then customize those **fields** and connect them to a **database** . This lets you, for instance, **create** a sales order form that updates your sales and inventory databases.

Besides **scanning** , FormTool also lets you create **forms** from scratch or from more than 400 templates. After you create forms, you can route them over your office LAN or e-mail them to others--recipients don't need a copy of FormTool to complete the form.

On the downside, FormTool's interface resembles a **database** report **generator** 's, so nontechnical users initially will be more confused than comfortable. Similarly, connecting **fields** within a form to a separate database requires an broad knowledge of database terminology.

OmniForm 4.0
8.2

```
V      8
P      8
E      9...
```

...com) is a slick, easy tool for creating new electronic forms or filling out paper forms you've already created. Besides its ability to create **forms** from scratch, OmniForm lets you **scan** a paper **form** . Like FormTool, the package recognizes **fields** that must be filled and can connect those **fields** to a **database** file.

You can **create** simple fill-in **fields** or more complex calculated **fields** (such as **fields** that multiply units sold by the unit price). Overall, there's no simpler, more capable tool for creating clean-looking paper forms and powerful digital...

9/3,K/24   **(Item 2 from file: 47)**
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

05282797   SUPPLIER NUMBER: 53392423   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Trends in workplace learning: supply and demand in interesting
  times.(includes related articles)
Bassi, Lauri; Cheney, Scott; Lewis, Eleesha; Costa de Souza, Humberto Cesar
; McDonald, Ian; Pickett, Les; Elliott, Phillipa
Training & Development, 52, 11, 51(2)
Nov, 1998
ISSN: 1055-9760   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 18781   LINE COUNT: 01595

...   Davenport, along with Mike Beers and Dave DeLong, of Ernst & Young found that knowledge management initiatives tend to fall into one of several categories, including
          * **creating** and storing knowledge in **repositories**
          * measuring the financial value of knowledge
          * facilitating the transfer of knowledge
          * creating a knowledge-sharing environment.
The most common initiative - **building** knowledge **repositories** - is intended to take some **form** of knowledge that has been **extracted** from people's heads and store it in an information system for later access. For example, Hewlett Packard and Sequent Computer both have systems that store sales-oriented documents - white papers, presentations, marketing collateral - for access by their **field** salesforces in selling computers. Other knowledge repositories are less structured, consisting of the insights and observations of employees, sometimes called "discussion databases" or "lessons-learned...

9/3,K/25   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2004 The Gale Group. All rts. reserv.

01085151   Supplier Number: 40507907   (USE FORMAT 7 FOR FULLTEXT)
IMPELL ADDS DRAWING MANAGER TO DRAWING PROCESSOR SYSTEM
News Release, p1
Sept 13, 1988
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 211

...   415) 549-9119

     IMPELL ADDS DRAWING MANAGER TO DRAWING PROCESSOR SYSTEM

     Impell Computer Systems (Berkeley, California) has announced the
introduction of DP:Manager, a relational **database** software **product**
for the control and retrieval of scanned engineering documents and
maps. The new product is part of Impell's Drawing Processor System, a
computer-aided drawing system that enables drawings originated by
hand to be **scanned** , managed, and revised in digital **form** .

     DP:Manager runs on Digital Equipment, Sun Microsystems, and PC
workstations and provides for management of drawing information in
user-defined data **fields** . The program supports powerful but simple
queries to give the user easy access to drawings stored on Impell's
Drawing Processor System. It is fully...

9/3,K/26   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04170204   Supplier Number: 54619194   (USE FORMAT 7 FOR FULLTEXT)
KENDATA PERIPHERALS: Forms processing system cuts data-entry costs for AAT.
M2 Presswire, pNA
May 11, 1999
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 469

...   handprinted characters and check-mark zones.
     The AAT quickly and easily redesigned its entry forms to take
advantage of AutoData's versatility, using printed-type **fields** for the
Assessment Centre code and name, handprint **fields** for dates and any
alternative centre details, and check-mark zones for the candidate's choice
of subject.
     Completed entry **forms** are now **scanned** in, in batches, and the
processed information is stored in an Informix relational **database**
developed by Systems Team, which specialises in business systems for
membership organisations.
     "With the volume of forms that we handle, the AutoData system has
made a...

9/3,K/27   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01880839   Supplier Number: 43250993   (USE FORMAT 7 FOR FULLTEXT)
MAKING THE MOVE TO AUTOMATIC INDEXING
Electronic Imaging Report, v2, n17, pN/A
August 26, 1992
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade

...   image with its corresponding page. You can either encode the page before scanning, or a unique characteristic can be selected to ensure there is a **database** record **created** for the page.
     2) Determine automatically the page or form type presented for recognition. This is done through an automatic form/page identification feature, where...

...can selectively match a type of page/form (i.e., invoice, purchase order) with its corresponding template (the data set of boxes matching the ·: ·u·ing **form**).
     ·   **Extract** automatically the relevant **fields** of information off ·· ; ·»· o: form through a predefined template. (Templates could include a ...·l·. number, amount, signature or order quantity.)
     4) Allow for...

 9/3,K/28   **(Item 1 from file: 16)**
DIALOG.(R)File   16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

06549706   Supplier Number: 55394246   (USE FORMAT 7 FOR FULLTEXT)
Star Of The Office Desktop -- Star Division's Staroffice 5.1 Is A Viable
  Alternative To Microsoft's Office-The Suite Is Packed With Useful
  Features And Is Much Cheaper, Too.(Software Review)(Evaluation)
Feibus, Andy
InformationWeek, p63
August 9, 1999
Language: English   Record Type: Fulltext Abstract
Article Type: Evaluation
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 2956

...   formatting your pages and paragraphs, and the ability to import and export numerous file types (including Word 97 and Word 2000). It has embedded hyperlinks, **tables** , and pictures; the ability to **create** envelopes, labels, outlines, and HTML documents; and a good thesaurus ···a·'··re. Like Word, it supports version control, document compare and ···········, and change tracking. It also has an auto-save feature.
     ·'··rWriter also supports the creation of documents that include **fields** and a mail-merge feature for **extracting** data from databases to ···s·omize **form** letters. If you're writing a document that contains complex mathematical formulas, you can create the formula using StarMath and embed the results in StarWriter, just as with Word. StarWriter also supports **creating** a document index and **table** of contents.
     There are a few differences that might matter to you. StarWriter does not include a grammar checker; while Word includes one, it makes...

 9/3,K/29   **(Item 2 from file: 16)**
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

06473950   Supplier Number: 55090182   (USE FORMAT 7 FOR FULLTEXT)
Revize: a great solution for static sites.(Idteix's Revize 2.1
  content-management software)(Software Review)(Evaluation)
Borck, James
InfoWorld, v21, n27, p39
July 5, 1999
Language: English   Record Type: Fulltext Abstract
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 704

...   your investment won't necessitate add-ons.
     '·:·o the template was created by hand in an external editor, I opened ··· h·v·ze Control Panel to **build** a **database** module for storing the

actual data. Although Revize offers an easy-to-navigate tabbed interface, I
had to hand-code each data- **field** name. An automated, less error-prone
approach would have **extracted** **field** names from the **template** .
Revize handles all database management tasks and, in addition to its
own format, supports any ODBC-compliant database.
The Control Panel is also used by...

9/3,K/30   **(Item 3 from file: 16)**
DIALOG(R)File   16:Gale Group PROMT(R)

05282862   Supplier Number: 48046539   (USE FORMAT 7 FOR FULLTEXT)
InForms is helpful but a handful
Millman, Howard
Computerworld, p85
Oct 13, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 1151

...   modifying sample forms. Designers familiar with forms design even
with competitive packages will have little problems. The graphical tutorial
that depicts how to map a **field** or form to a **database** is especially
helpful.
Developers have their choice of forms creation techniques. Starting
out with the simplest methods first, they can modify one of InForms'
50-plus sample forms, import a third-party form, import a WordPerfect
table, import an existing database structure or **scan** in existing paper
forms for use as templates. Most time-consuming, although sometimes
unavoidable, is to develop a form from the ground up.
Soon Novell will post additional sample...
...predefined objects, or they can build their own objects and create their
own libraries.
Designers can also develop query catalogs and macros. Designers can
link **fields** , forms and **databases** . All these features enhance designers'
productivity and standardization among an enterprise's many forms.
InForms 4.2 also provides eight sample applications (forms with
built-in intelligence), including an address book...

9/3,K/31   **(Item 4 from file: 16)**
DIALOG(R)File   16:Gale Group PROMT(R)

04313313   Supplier Number: 46322620   (USE FORMAT 7 FOR FULLTEXT)
Software: Data Stream
Computer Retail Week, p33
April 22, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 304

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...edge is FormWizard, a 32-bit Windows CD-ROM designed specifically for
forms completion, published by Virtual Reality Labs, San Luis Obispo,
Calif. Users fax, **scan** or import **forms** into the software, then manually
define the data-entry **fields** . Forms can be rearranged or customized by
using the drag-and-drop method or cut, copy and paste commands. A **built
-in** **database** links the same form to different data sets, such as a
customer list, for example. The software, which supports Open Database
Connectivity (ODBC), will automatically...

9/3,K/32   **(Item 5 from file: 16)**
DIALOG(R)File   16:Gale Group PROMT(R)

02977935   Supplier Number: 44036348
PaperBridge links document images with Access data
InfoWorld, p25
August 16, 1993
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
TeamWorks Technologies (Marlboro, MA) will introduce the PaperBridge for
Access add-on that aids in storing documents in a Microsoft Access
database . The **product** is part of a new class of graphical, low-cost,
document image management packages running on non-dedicated systems.
PaperBridge can be used to link photos, **forms** , graphics, or **scanned**
documents from any Windows application to related Access records or **fields**
. These images can be rotated, zoomed, or annotated. Since the documents
are not stored in character format, they cannot be searched with keywords
or numeric...

 9/3,K/33   **(Item 1 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

07801684   SUPPLIER NUMBER: 16808722   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Caere's OmniForm makes electronic forms from paper. (Caere OmniForm forms
  generation software)(Product Announcement)(Brief Article)**
Teague, Stacey
InfoWorld, v17, n15, p16(1)
April 10, 1995
DOCUMENT TYPE: Product Announcement Brief Article   ISSN: 0199-6649
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 268   LINE COUNT: 00021

     OmniForm 1.0 is a Windows-based electronic **forms   conversion**
package targeted toward users in markets that use the same forms over and
over, such as insurance agencies and law firms. In addition to automatic
forms   conversion , it offers **database   creation** and E-mail routing
capabilities.
     Using Caere's OmniPage optical character recognition technology, which
is included, OmniForm automatically **converts** paper **forms** into an
editable format with no additional formatting. Users **scan** or fax **forms**
to their computers, and OmniForm automatically recognizes all the forms'
design layout elements and creates the appropriate **fields** for the forms,
letting users simply tab to a desired **field** and begin typing.
     OmniForm offers design, editing, drawing, and graphics capabilities,
enabling users to create customized personal forms and redesign existing
forms. It also has 24 ready-to-use forms, such as a fax cover sheet, an
order form, and a time sheet.
     OmniForm can automatically **create** a **database** tailored to an
individual form. Information can be exchanged or integrated with Open
Database Connectivity databases.
     .Steve Anderson, a beta tester at Cadenhead Shreffler Insurance...

 9/3,K/34   **(Item 2 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

07255033   SUPPLIER NUMBER: 15347576   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**FormFlow Version 1.0. (Software Review) (one of three evaluations of
  forms-management software in 'Windows High-End Forms Packages Take Off')
  (Evaluation)**
Heck, Mike
InfoWorld, v16, n18, p96(7)
May 2, 1994
DOCUMENT TYPE: Evaluation   ISSN: 0199-6649   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT

...   Designer's interface contains various menus, free-moving palettes, and drop-down lists that further assist form development.

For example, we highlighted a fillable text **field** and quickly changed the border, background color, font, and margins using drop-down menus. However, shortcuts abound. So, we double-clicked on another **field** , and the main attribute dialog let us specify whether the input should be a date, money, time -- or any number of other attributes.

The fillable graphic **field** enabled us to substitute a scanned signature for keyboard entry; you might also use this function to include product photos in a sales application. Additionally, we built a mask for phone numbers and specified input ranges. We performed **database** functions, such as **developing** a lookup **table** within our supply ordering **form** and **extracting** information from a secondary database, with little effort.

Tables are especially easy to **build** as well. We used the mouse to draw an outline of a table and then grabbed several column dividing lines to set different widths; we...

...statistical functions are included. It only took one step to sum entries in a table column -- and to write more extensive formulas involved merely picking **fields** from a list.

We inserted several standard functions into our forms, including mail log-in, file open, database save, and fax (if Delrina's WinFax...

9/3,K/35   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

06178603   SUPPLIER NUMBER: 12978091   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Intellectual property materials online/CD-ROM: what and where.
Thompson, N.J.
Database, v15, n6, p14(18)
Dec, 1992
ISSN: 0162-4105   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9736   LINE COUNT: 00788

...   yet. U.S. searchers may access the Luxembourg computer via Infonet.
THE CONTROL DATA SYSTEMS
CANADA LTD. FAMILY
CONTROL DATA SYSTEMS CANADA LTD. (CDSC) has **developed** online and CD-ROM trademark **databases** for information in the United States and Canadian trademark registers. The online product is DYNIS and available in the U.S. via TYMNET and SprintNet. The CD-ROM product is CD-NameSearch.

DYNIS is a powerful " **scan** " database with many **forms** of possible truncation searches. It has an optional menu mode for occasional users. The searchable **fields** are mark, application and registrations number, status, owner, goods or services, international classification, and agent or representative of the applicant or owner. It offers several...

9/3,K/36   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01872557 05-23549
Star of the office desktop
Feibus, Andy
Informationweek n747 PP: 63-70 Aug 9, 1999
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 2962

...TEXT: formatting your pages and paragraphs, and the ability to import and export numerous file types (including Word 97 and Word 2000). It has embedded hyperlinks, **tables** , and pictures; the ability to **create** envelopes, labels, outlines, and HTML documents; and a good thesaurus

feature. Like Word, it supports version control, document compare and
merging, and change tracking. It also has an autosave feature.

StarWriter also supports the creation of documents that include **fields**
and a mail-merge feature for **extracting** data from databases to customize
form letters. If you're writing a document that contains complex
mathematical formulas, you can create the formula using StarMath and embed
the results in StarWriter, just as with Word. StarWriter also supports
creating a document index and **table** of contents.
There are a few differences that might matter to you. StarWriter does not
include a grammar checker; while Word includes one, it makes...

9/3,K/37 **(Item 2 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01849267 05-00259
Healthcare: Healthcare technology and AIIM
Maisel, James M
Inform v13n6 PP: 12 Jun 1999
ISSN: 0892-3876 JRNL CODE: IFN
WORD COUNT: 759

...TEXT: exclusively focused on document management (DM). It was impressive
to see so many vendors offering robust, scalable solutions for DM. Many of
the products allow **scanning** of **forms** and collection of structured data
into databases, some with a workflow component. I saw one product that
provided routing of the scanned and OCRed document...

... by an editor who was provided with tools to refine the input and sign
off on the accuracy of the data capture. Some of the **products** could
actually **construct** their own **database** from the **fields** on the fly.
Several companies did have extensive experience in dealing with medical
claim forms at extremely high volumes. Many of the vendors offered Internet
...

9/3,K/38 **(Item 3 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01700678 03-51668
True to form
Citron, Susan C
Nine Association News v93n9 PP: 44-46 Sep 1998
ISSN: 0024-3078 JRNL CODE: LAN
WORD COUNT: 985

...TEXT: you use your desktop PC to scan, fill in, design and store your
forms. Using the program's built in optical character recognition (OCR),
you **scan** in your existing paper **forms** into electronic editable forms.
Unlike a standard OCR programs, however, OmniForm's Logical Form
Recognition feature recognizes fillable areas as data-entry **fields** on a
form . After **scanning** your **form** , you can use the. design tools to
modify the form and create and edit fill-in **fields** . The program also
comes with the OmniForm Filler program that you (or others) can use to fill
the form with information. The information is placed into a database which
you can then search and sort. Like most **databases** , you can **create** new
records, duplicate records, and import and export information into other
formats. OmniForm also lets you share your data on a Windows NT network.

You can set up your forms so OmniForm validates certain **fields**
automatically For example, you may have certain **fields** that must be
filled in. If the user leaves the field blank, OmniForm displays an error
mes-. sage. Similarly, you can specify that a field...

01437310 00-88297
ExperForms builds Web site, database from scanned forms
Anonymous

TEXT: ExperTelligence has announced the availability of WebBase ExperForms, which **converts scanned forms** from OmniForm into a dynamic Web site with active electronic forms linked to a **database** . Caere's OmniForm Internet Publisher **generates** the WYSIWYG electronic **forms** from **scanned** paper originals. The result is an electronic form published on an intranet or the Internet with active **fields** that can be populated by any browser and the information stored to a Microsoft Access database (additional ODBC compliant databases will be supported in the...

...while the database stores all the new information.

In a matter of minutes, WebBase ExperForms builds a complete functioning Web site from one or more **scanned forms** created by OmniForm Internet Publisher. All the HTML files and codes connecting the files to a **database** are **created** automatically. Within seconds, all the Web pages for adding, updating, searching, and displaying records are up and running. With ExperForms, there is no need for...

00858755 95-08147
Windows high-end forms packages take off
Heck, Mike

...TEXT: Designer's interface contains various menus, free-moving palettes, and drop-down lists that further assist form development.

For example, we highlighted a fillable text **field** and quickly changed the border, background color, font, and margins using drop-down menus. However, shortcuts abound. So, we double-clicked on another **field** , and the main attribute dialog let us specify whether the input should be considered a date, money, time -- or any number of other attributes.

The fillable graphic **field** enabled us to substitute a scanned signature for keyboard entry; you might also use this function to include product photos in a sales application. Additionally, we built a mask for phone numbers and specified input ranges. We performed **database** functions, such as **developing** a lookup **table** within our supply ordering **form** and **extracting** information from a secondary database, with little effort.

Tables are especially easy to **build** as well. We used the mouse to draw an outline of a table and then grabbed several column dividing lines to set different widths; we...

...statistical functions are included. It only took one step to sum entries in a table column -- and to write more extensive formulas involved merely picking **fields** from a list.

We inserted several standard functions into our forms, including mail log-in, file open, database save, and fax (if Delrina's WinFax...

9/3,K/41   (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00534977 91-09321
Formbase and Perform Pro Adapt Gracefully to Windows
Rivera, Christine
InfoWorld v13n6 PP: 83-88 Feb 11, 1991
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 5548

...TEXT: for example, you need to periodically add records from multiple
users to a master file. The Join command also combines files, and can add
new **fields** from the source file.

Password protection prevents unauthorized file access, and also keeps data
entry users from modifying the form.

Based on its extensive database...

... 2-3), Dbase, and ASCII file formats, and exports data in Lotus, Dbase,
and ASCII format (tabdelimited only). When importing ASCII files to a new
database , you must **create** the **fields** first; otherwise, Formbase will
import each record into one long **field** . **Forms** can be **scanned** in, but
they are treated as bit-mapped graphics and cannot be converted into
fields as they can be in Perform Pro.

We'd like to see better ASCII file importing, with support for comma
delimited **fields** . Overall, however, Formbase's import/export features are
very good.

Output support: Most forms programs can print attractive forms; however,
traditional database-type reports with multiple records can prove
difficult, if not impossible, to set up. For Formbase, they're a snap.
Tables and subtables automatically display **fields** in a columnar format,
displaying one record on each line. You can customize captions and field
data with your choice of fonts to produce attractive...

9/3,K/42   (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00xxxx7 99-61477
Opportunity of a lifetime
Lynch, John M
Oregon Business (Portland, OR, US), V21 N11 p28
PUBL DATE: 981000
WORD COUNT: 582
DATELINE: Lake Oswego, OR, US, Pacific

TEXT:

   ...Lynch began by catering to the "paper-centric" attorneys on the
case, and printing out every file the investigators could open. The team
soon reversed **field** , however, and actually started **scanning** paper
documents into digital **form** . Then it leveraged new search technologies
being developed for the World Wide Web to speed the work. The company
developed software to handle the huge **database** of files. Early on, a
request to find any document or e-mail referring to a certain clerk took a
week-long search. "Now we...

9/3,K/43   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2004 Resp. DB Svcs. All rts. reserv.

How Ya Gonna Keep 'em Down on the Form?
**(Caere Corp introduced OmniForm 2.0. an upgraded version of its
  forms-creation software)**

        (USE FORMAT 7 OR 9 FOR FULLTEXT)

... TEXT:
     ...re Corp introduced OmniForm 2.0. an upgraded version of its
: .rms-creation software. The program accepts paper- **form** images, either
from a **scanner** or fax machine, then analyzes the content of the images to
develop an electronic version, with live data entry blanks, of each form
page. Data entry **fields** are added and a **database** to store responses is
built . It is also possible to build calculations into the online form,
thus automating the printed document with little human intervention. A new
32-bit optical...

TEXT:
...in OmniForm 2.0 with a friendlier interface and other improvements, such
as greater character recognition accuracy, added to its feature package.

OmniForm accepts paper- **form** images, either from your **scanner** or a fax
machine, then analyzes the images' content and develops an electronic
version, with live data entry blanks, of each form page. It adds data
entry **fields** and will **build** a **database** to store responses. It can
even build calculations into the online form, automating the printed
document with very little human intervention.

The program's new...

 9/3,K/44   (Item 1 from file: 647)

01197970   CMP ACCESSION NUMBER: IWK19990809S0034
**Star Of The Office Desktop - Star Division's Staroffice 5.1 Is A Viable
    Alternative To Microsoft's Office-The Suite Is Packed With Useful
    Features And Is Much Cheaper, Too**

 ...   formatting your pages and paragraphs, and the ability to import
and export numerous file types (including Word 97 and Word 2000). It has
embedded hyperlinks, **tables** , and pictures; the ability to   **create**
envelopes, labels, outlines, and HTML documents; and a good thesaurus
feature. Like Word, it supports version control, document compare and
merging, and change tracking. It also has an auto-save feature.

 StarWriter also supports the creation of documents that include
fields and a mail-merge feature for **extracting** data from databases to
customize **form** letters. If you're writing a document that contains
complex mathematical formulas, you can create the formula using StarMath
and embed the results in StarWriter, just as with Word. StarWriter also
       creating a document index and **table** of contents.

 There are a few differences that might matter to you. StarWriter
does not include a grammar checker; while Word includes one, it makes...

9/3,K/45   **(Item 2 from file: 647)**
DIALOG(R)File 647:CMP Computer Fulltext

01104922   CMP ACCESSION NUMBER: WIN19970615S0009
**Business and Management - Workhorse applications help keep the business
   world on track.** (Software)
WINDOWS MAGAZINE, 1997, n 806A, PG81
PUBLICATION DATE: 970615
JOURNAL CODE: WIN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Win 100
WORD COUNT: 1800

...   WinSales, 206-453-9050, fax 206-453-9020. Circle #627
   DOCUMENT MANAGEMENT
      OmniForm 2.0 - With OmniForm 2.0, function follows forms.   OmniForm
accepts paper- **form** images-either from a **scanner** or a fax machine-then
analyzes the images' content and develops an electronic version, with
live data for each page. It adds data-entry **fields** and   **builds** a
database to store responses. You can also build calculations into a form
and reduce the amount of human intervention required to process
form-based data. OLE...

9/3,K/46   **(Item 3 from file: 647)**
DIALOG(R)File 647:CMP Computer Fulltext

01104886   CMP ACCESSION NUMBER: WIN19961001S0142
OmniForm 2.0 - OmniForm Takes Care Of the Rest
WINDOWS MAGAZINE, 1996, n 710A, PG117
PUBLICATION DATE: 961001
JOURNAL CODE: WIN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Winlab Reviews/Office Automation Software
WORD COUNT: 310

TEXT:
      OmniForm accepts paper- **form** images-either from your **scanner** or a
fax machine-then analyzes the images' content and develops an   electronic
version, with live data for each form page. It adds data- entry   **fields**
and will **build** a **database** to store responses. It will also build
calculations into the online form, automating the printed document with
very little human intervention.

9/3,K/47   **(Item 4 from file: 647)**
DIALOG(R)File 647:CMP Computer Fulltext

01081864   CMP ACCESSION NUMBER: WIN19960301S0125
OmniForm 2.0 - How Ya Gonna Keep 'em Down on the Form?   (Software)
James E. Powell
WINDOWS MAGAZINE, 1996, n 703, PG167
PUBLICATION DATE: 960301
JOURNAL CODE: WIN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: WINLAB Reviews
WORD COUNT: 904

      OmniForm accepts paper- **form** images, either from your **scanner** or a
fax machine, then analyzes the images' content and develops an electronic
version, with live data entry blanks, of each form page. It adds data
entry **fields** and will **build** a **database** to store responses. It can
even build calculations into the online form, automating the printed

document with very little human intervention.
The program's new...

9/3,K/48   (Item 5 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

00517778   CMP ACCESSION NUMBER: OST19920427S1935
**Natural Language Frees The Tongue - But Quirks Of The English Language Put
    The Brakes On Versatility**
Andy Feibus
OPEN SYSTEMS TODAY, 1992, n 096, 61
PUBLICATION DATE: 920427
JOURNAL CODE: OST   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Technology
WORD COUNT: 2473

...   window. The latter four windows each provide a different form for
entering information about the database.
     Relation forms describe each table in your database, its **fields** and
keys and some English-language clues as to what entity the table
represents. The initial set of relation **forms** can be created by
extracting the names of the tables and **fields** from your **database** using
the " **Create** a schema" selection when you start the icon program. You are
then free to add or change information in these forms to suit your
application.
     Attribute forms contain **field** -specific attribute information.
Example attributes include the header used when displaying information
from this **field** , specific English words that are used to reference the
data in the **field** (e.g., if the database **field** cntrysize refers to a
country's size, you could define an attribute to map references to the
words "size" or "are" to this **field**), the output format for date and
time fields, or the structure of a field that contains a proper name
(e.g., first letter capitalized).
     Mapping...

9/3,K/49   (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
   2004 The Dialog Corp. All rts. reserv.

12686589 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Infoteria Corporation Announces iCONNECTOR 2.0; New Version Provides Better
    Performance   and   Easier Integration With Visual Basic and Java;
    Multi-database Support is Expanded**
BUSINESS WIRE
September 05, 2000
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 578

     ...and simplify development. The new version will support IBM's DB2 in
addition to Oracle, Microsoft SQL, Microsoft Access and Lotus Notes.
     iCONNECTOR 2.0 **extracts** existing data in the **form** of·XML and then
stores XML data in any given database. A graphical user interface
(iRuleGenerator) supports mapping between any XML structure and database
 fields specifying the XML import/export rules. The **product** is ideal for
multiple **database** environments; the same user interface can be used for a
variety of platforms, therefore the developer needs only to become familiar
with a single family...

```
File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200416
         (c) 2004  THOMSON DERWENT

Set      Items     Description
S1       29885     (FORM OR FORMS OR TEMPLATE? ?)(5N)(TRANSLAT? OR TRANSFORM?
                    OR CONVERT? OR CONVERSION)
S2       15990     (FORM OR FORMS OR TEMPLATE? ?)(5N)(PARS??? OR SCAN???? OR -
                    EXTRACT????)
S3       44831     (DATABASE? ? OR DATA()BASE? ? OR TABLE? ? OR REPOSITOR???)-
                    (5N)(CREAT??? OR CONSTRUCT??? OR PRODUC? OR GENERAT? OR CREAT-
                    ??? OR BUILT OR BUILD??? OR ESTABLISH? OR DEVELOP? OR (SET? ?
                    OR SETTING)()UP OR ASSEMBL?)
S4      537516     FIELD? ?
S5          22     S1:S2 AND S3 AND S4
S6         322     S1:S2 AND S3
S7         217     S6 AND IC=G06F
S8         131     S2 AND S3
S9          93     S7 AND S8
```

DIALOG(R)File 347:JAPIO

07097628   **Image available**
METHOD AND DEVICE FOR EXTRACTING INFORMATION FROM TABLE STRUCTURE AREA AND
RECORDING MEDIUM STORED WITH INFORMATION EXTRACTING PROGRAM

PUB. NO.:   2001-325284 [JP 2001325284 A]
PUBLISHED: November 22, 2001 (20011122)
INVENTOR(s):   HIROTA KEIICHI
                 SASAKI YUTAKA
APPLICANT(s):   NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.:   2000-140478 [JP 2000140478]
FILED: May 12, 2000 (20000512)
INTL CLASS: G06F-017/30

ABSTRACT
PROBLEM TO BE SOLVED: To provide a method and a device for extracting
information from a table structure area, by which main information of a
specified **field** described in the table structure area is **extracted** in a
table **form** where a structure and an orthography are standardized so as to
be easily unified with another kind of information.

SOLUTION: Intrinsic information included in each table structure element
information in table structure information which is stored in a table
structure information storage part 121 is recognized and a **field** term
included in each table structure element information is recognized by using
a **field** term dictionary to read and change it into a representative
orthography. An intrinsic expression, the relation of the **field** terms in
terms of meaning and information coincidence in respective table structure
elements are compared between the respective table structure elements so as
to evaluate table structure information. An attribute name area where the
table structure elements expressing an attribute name are lied in a row,
its direction and an attribute value area where other table structure
elements are lied in a row are judged and, then, extracting information is
 generated , where the **table** structure element belonging to the attribute
name area is made to be a pair with the table structure element belonging
to the attribute value area and also which is arranged in the direction of
the attribute name area.

DIALOG(R)File 347:JAPIO

06873821   **Image available**
INFORMATION PROCESSOR, INFORMATION PROCESSING METHOD AND PRINTING SYSTEM

PUB. NO.:   2001-101326 [JP 2001101326 A]
PUBLISHED: April 13, 2001 (20010413)
INVENTOR(s):   TAMURA MASAKI
APPLICANT(s):   CANON INC
APPL. NO.:   11-279376 [JP 99279376]
FILED: September 30, 1999 (19990930)
INTL CLASS: G06F-019/00; G06F-003/12

ABSTRACT
PROBLEM TO BE SOLVED: To easily supply an input form realizing simple and
precise input.

SOLUTION: The template 404 of an output form is displayed based on output
form data including a variable data area and a display object except for
the area. Output form data is analyzed and the variable data area (407 and
the like) are **extracted** . An input **form** having an input **field** for
inputting data to the variable data area is generated and the form is

displayed (406). A reference key 410 is dragged and dropped into the input form 406 and reference information associating the input **field** included in the **generated** input form and a **database** is given to the dropped reference key. Then, it is added as input form data.

5/5/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05904651   **Image available**
RECOGNITION DATA PROCESSOR AND ITS PROGRAM RECORDING MEDIUM

PUB. NO.:   10-187751 [JP 10187751 A]
PUBLISHED: July 21, 1998 (19980721)
INVENTOR(s):   HASEGAWA AKIRA
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   08-355472 [JP 96355472]
FILED: December 24, 1996 (19961224)
INTL CLASS: [6] G06F-017/30; G06F-009/44; G06F-019/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1
               (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);
               R303

ABSTRACT
PROBLEM TO BE SOLVED: To precisely determine item name by considering determination contents, which have been accumulated so far when the item name corresponding to a key word is determined on the basis of the key word included in character- recognized data.

SOLUTION: A CPU 1 recognizes characters from a document image in table **form** read by a **scanner** device 8 and performs retrieval from a key word dictionary memory 2-6 on the basis of the recognized data. Consequently, when a key word is included in recognized data of one line, an attribute in a key word dictionary memory 2-6 is read out as an item name and accuracy corresponding to it is read out to **generate a field** classifying work **table** 2-7. Then, accuracy for ever line is accumulated by item names to **generate** a **field** classification master **table** 2-8, and the item name is determined on the basis of the contents of the **field** classification master table 2-8.

5/5/5   (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

04989593   **Image available**
PROCESSOR FOR FORM INCLUDING TABLE

PUB. NO.:   07-282193 [JP 7282193 A]
PUBLISHED: October 27, 1995 (19951027)
INVENTOR(s):   HIRANO TAKASHI
               OKADA YASUHIRO
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   06-076795 [JP 9476795]
FILED: April 15, 1994 (19940415)
INTL CLASS: [6] G06K-009/20
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)

ABSTRACT
PURPOSE: To provide a processor for a form including a table which executes the highly precise table collation even for analogous tables, a table including disturbance such as hand-written character, etc., a table whose

rued line is cut, a distorted or inclined table and an enlarged or reduced
table, and calculates correctly the position of a character reading area.
CONSTITUTION: The processor for the form including table is constituted of
a ruled line extracting means 1, a table structure analyzing means 2, a
table format data base 3, a table collating means 4, a **field** position
searching means 5, and a result display means 6. In the ruled line
extracting means 1, the **form** including table is read, and the ruled
line included in a table area in a read-out picture is extracted. In the
table structure analyzing means 2, **table** format is **generated** from the
extracted ruled line. In the table format data base 3, the table format is
stored. In the table collating means 4, the ruled line and the table format
are collated with each other. In the **field** position searching means 5,
the position of the character reading area on the picture is calculated. In
the result display means 6, a table collated result and a **field** position
searched result are outputted.

5/5/7   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

015248864   **Image available**
WPI Acc No: 2003-309790/200330
 Method for forming database in pdf file
Patent Assignee: PARK C H (PARK-I)
Inventor: HONG Y G; PARK C H
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
KR 2002096196 A   20021231 KR 200134487   A   20010618 200330 B

Priority Applications (No Type Date): KR 200134487 A 20010618
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
KR 2002096196 A   1 G06F-017/21

Abstract (Basic): KR 2002096196 A
      NOVELTY - A method for forming a database in a PDF file is provided
   to **create** a **database** and a column automatically by reading
   positions of data inputted in various kinds of general document files
   as values designated vertically and horizontally.
      DETAILED DESCRIPTION - If data are inputted in a PDF file, the
   entire **form** **field** values are **extracted** simultaneously through a
   Java script function. If the information is transmitted through an
   FDF(Form Data Format) form submit having a function for transmitting
   FDF data as an FDF format using a communication network such as the
   Internet, an intranet, etc., a **database** **table** **creating** gateway
   automatically **creates** a **table** and a column based on the entire from
   field values through a **database** **create** command. The FDF includes
   a detailed information with respect to format data of the PDF file. The
   FDF form submit is a method for transmitting form data in a PDF file.
      pp; 1 DwgNo 1/10
Title Terms: METHOD; FORMING; DATABASE; FILE
Derwent Class: T01
International Patent Class (Main): G06F-017/21
File Segment: EPI

5/5/8   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

015078858   **Image available**
WPI Acc No: 2003-139376/200313
XRPX Acc No: N03-110695
 Form filling out method for e-commerce involves requester sending
 standard compliant form which extracts information from appropriate
    s of user's database which is compliant to the same standard

Patent Assignee: MALCOLM J W (MALC-I); SMITH N J (SMIT-I)
Inventor: MALCOLM J W; SMITH N J
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020165877	A1	20021107	US 2000731651	A	20001207	200313	B

Priority Applications (No Type Date): US 2000731651 A 20001207
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020165877	A1		9	G06F-015/00	

Abstract (Basic): US 20020165877 A1
    NOVELTY - User **creates database** (102) compliant to a standard
with labeled **fields** e.g. for names, addresses, credit card numbers.
Requester (120) sends form (104) which is compliant to same standard.
Form extracts information from appropriate **fields** of database in
accordance with a set of user defined rules. Form is checked by user,
encrypted (109) and returned to requester.
    DETAILED DESCRIPTION - Rules (106) include a set of rules for
default values, a set of rules responsive to flags (105) in the form
and a set of rules to make decisions when conflicts arise among **field**
values.
    INDEPENDENT CLAIMS are included for:
    1. A computer implemented process using the described method.
    2. A computer system implementing the described method.
    USE - As a method of automatically filling out forms (claimed) for
e-commerce.
    ADVANTAGE - Provides an automatic process for filling out forms
which allows user to define the rules to be used e.g. under what
circumstances a particular bank account will be used (e.g. husband's
account or wife's account, business account or personal account). Form
can access user's personal database. Forms can be adapted for use by
any business.
    DESCRIPTION OF DRAWING(S) - Drawing is a block diagram of the
system.
    Database (102)
    Form (104)
    Flag (105)
    Rules (106)
    Encryption (109)
    Requester (120)
    pp; 9 DwgNo 2/4
Title Terms: FORM; FILL; METHOD; SEND; STANDARD; COMPLIANT; FORM; EXTRACT;
  INFORMATION; APPROPRIATE; **FIELD** ; USER; DATABASE; COMPLIANT; STANDARD
Derwent Class: T01; W01
International Patent Class (Main): G06F-015/00
File Segment: EPI

 5/5/9   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

014998694   **Image available**
WPI Acc No: 2003-059209/200305
XRPX Acc No: N03-045842
  **Fingerprint recognition method for allowing access to computer network,
  involves extracting minutiae and creating template from enrolled
  fingerprint, which is stored in database**
Patent Assignee: BIOMETRIC INFORMATICS TECHNOLOGY INC (BIOM-N)
Inventor: GU X; YAU S; ZHANG Z
Number of Countries: 100 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200296181	A2	20021205	WO 2002US16684	A	20020528	200305	B
US 20030039382	A1	20030227	US 2001293487	P	20010525	200318	
			US 2001338949	P	20011022		

Priority Applications (No Type Date): US 2001338949 P 20011022; US
  2001293487 P 20010525; US 2002156447 A 20020528
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200296181 A2 E 51 G06K-000/00
    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
    ZM ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
US 20030039382 A1   G06K-009/00   Provisional application US 2001293487

                                      Provisional application US 2001338949

Abstract (Basic): WO 200296181 A2
        NOVELTY - An enrolled fingerprint having several ridge curves and
    valleys, is acquired and an orientation **field** of the fingerprint is
    determined. The minutiae are extracted from the enrolled fingerprint.
    An enrolled fingerprint template is **created** and stored in a **database**
    , for comparison with an unknown fingerprint template.
        USE - For recognizing fingerprint of user for allowing access to
    computer network such as internet, web page, for authorizing financial
    transaction, etc.
        ADVANTAGE - The fingerprint of a user is recognized efficiently and
    accurately, based on the stored template.
        DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
    explaining fingerprint recognition method.
        pp; 51 DwgNo 1/12
Title Terms: FINGERPRINT; RECOGNISE; METHOD; ALLOW; ACCESS; COMPUTER;
  NETWORK; EXTRACT; TEMPLATE; FINGERPRINT; STORAGE; DATABASE
Derwent Class: S05; T01; T04
International Patent Class (Main): G06K-000/00; G06K-009/00
File Segment: EPI

 5/5/15   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

010733809   **Image available**
WPI Acc No: 1996-230764/199623
    Database **entry form** generating **system - uses** scanner **to** scan
    existing data entry form , and form definition procedures which
    respond to user commands to display scanned data entry form
Patent Assignee: KORTEAM INT INC (KORT-N); HO J C (HOJC-I)
Inventor: HO J C
Number of Countries: 021 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9613009	A1	19960502	WO 95US13673	A	19951024	199623	B
AU 9641339	A	19960515	AU 9641339	A	19951024	199634	
US 5619708	A	19970408	US 94328362	A	19941025	199720	
EP 799454	A1	19971008	EP 95939572	A	19951024	199745	
			WO 95US13673	A	19951024		
AU 685337	B	19980115	AU 9641339	A	19951024	199809	
JP 10507857	W	19980728	WO 95US13673	A	19951024	199840	
			JP 96514106	A	19951024		

Priority Applications (No Type Date): US 94328362 A 19941025
Cited Patents: 02Jnl.Ref; US 5060980; US 5181162; US 5208907; US 5231670;
  US 5235654; US 5237628; US 5319745; US 5414809
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9613009   A1 E 40 G06F-017/30

Designated States (National): AU CA DE GB JP
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE
AU 9641339   A   G06F-017/30   Based on patent WO 9613009
US 5619708   A   20 G06F-015/00
EP 799454   A1 E   G06F-017/30   Based on patent WO 9613009
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE
AU 685337   B   G06F-017/30   Previous Publ. patent AU 9641339
                                     Based on patent WO 9613009
ZA 9507957   W   46 G06F-019/00   Based on patent WO 9613009

Abstract (Basic): WO 9613009 A
        The system (100) for generating voice activated computer data entry
    forms includes a **scanner** (108) for **scanning** an existing data
    entry **form** (120), and generating a digitised representation of the
    form. A voice dictionary and voice syntax files (158) represent voice
    recognition information. A set of form definition procedures include an
    imaging procedure for displaying the **scanned** data entry **form** on the
    display (110), and a region definition procedure for enabling a user to
    indicate regions of the displayed data entry form.
        Object definition procedures enable a user to define multiple
    objects, and to specify properties of defined objects. Object
    properties include database links, exclusion relationships and voice
    commands. The **scanned** **form** may be colour coded to indicate
    different objects which are automatically decoded to generate object
    properties.
        USE/ADVANTAGE - **Generating** computerised **database** data input
    forms from printed data forms, and customising database data input for
    users. Reduces amount of work associated with defining computer based
    data entry form.
        Dwg.1/11
Title Terms: DATABASE; ENTER; FORM; GENERATE; SYSTEM; SCAN; SCAN; EXIST;
  DATA; ENTER; FORM; FORM; DEFINE; PROCEDURE; RESPOND; USER; COMMAND;
  DISPLAY; SCAN; DATA; ENTER; FORM
Derwent Class: T01
International Patent Class (Main): G06F-015/00; G06F-017/30; G06F-019/00
International Patent Class (Additional): G06T-007/00; H04N-001/387;
    H04N-001/46
File Segment: EPI

 5/5/16   **(Item 10 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

010612414   **Image available**
WPI Acc No: 1996-109367/199612
XRPX Acc No: N96-091623
  Database conversion method - creating **second** database **with different
  data** form **by** converting **first database of fixed contents**
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 7325744   A   19951212 JP 94118676   A   19940531 199612 B

Priority Applications (No Type Date): JP 94118676 A 19940531
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 7325744   A   14 G06F-012/00

Abstract (Basic): JP 7325744 A
        The method involves converting the fixed content of a first
    database (14) into a second database (15). The contents to be updated
    in an original database is recorded in an updating log file (20).
        The contents of the original database are stored and are converted
    to second database with different data forms.

ADVANTAGE - Performs conversion processing of database in parallel
to on-line processing dynamically. Changes **field** length associated
with transformation of database efficiently.
    Dwg.1/14
    Title Terms: DATABASE; CONVERT; METHOD; SECOND; DATABASE; DATA; FORM;
    SPEED; FIRST; DATABASE; FIX; CONTENT
Derwent Class: T01
International Patent Class (Main): G06F-012/00
File Segment: EPI

5/5/17   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

010523754   **Image available**
WPI Acc No: 1996-020707/199602
XRPX Acc No: N96-017187
  Clinical data electronic handling, routing and managing method - by
  scanning **case report** form **into electronic image and entering data in**
  image into database **to** create database **record**
Patent Assignee: QUINTILES TRANSNATIONAL CORP (QUIN-N); BROWN M B (BROW-I);
  CHRISTIANSEN D A (CHRI-I); GILLINGS D (GILL-I); LALOR J M (LALO-I)
Inventor: BROWN M B; CHRISTIANSEN D A; GILLINGS D; LALOR J M
Number of Countries: 020 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9532456	A2	19951130	WO 95US6046	A	19950512	199602	B
AU 9526379	A	19951218	AU 9526379	A	19950512	199611	
WO 9532456	A3	19960215	WO 95US6046	A	19950512	199622	
US 5666490	A	19970909	US 94243385	A	19940516	199742	

Priority Applications (No Type Date): US 94243385 A 19940516
Cited Patents: 1.Jnl.Ref; US 4205780; US 4959769; US 5134669; US 5168444;
  US 5191525; US 5251273
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9532456	A2	E	48	G06F-000/00	

    Designated States (National): AU CA JP
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
    PT SE

AU 9526379	A			G06T-001/00	Based on patent WO 9532456
US 5666490	A		19	G06F-003/00	
WO 9532456	A3			G06F-000/00	

Abstract (Basic): WO 9532456 A
    The method involves establishing a network of work nodes for
processing clinical report forms in which one of the node is a data
entry work nodes. A case report form is subdivided into two or more
subdivision and each subdivision is classified by subdivision type. The
case report **forms** are **scanned** and **converted** into one or more
electronics images which corresponds to the subdivision.
    Each image is assigned an index information that uniquely
identifies it. The index information includes a subdivision type. Each
image is routed through a predefined routing scheme for its subdivision
type. Data contained in the image are entered into a **database** to
create a **database** record.
    ADVANTAGE - Automatically tracks each image as it is routed through
network. Does not require separate tracking database. Allows
subdivision of documents into discreet images which can be
independently routed through network. Automatically links each record
in scientific database with corresponding image or images. Allows
images to be viewed by multiple users.
    Dwg.2/10
Title Terms: CLINICAL; DATA; ELECTRONIC; HANDLE; ROUTE; MANAGE; METHOD;
  SCAN; CASE; REPORT; FORM; ELECTRONIC; IMAGE; ENTER; DATA; IMAGE; DATABASE
  ; DATABASE; RECORD
Derwent Class: S05; T01

International Patent Class (Main): G06F-000/00; G06F-003/00; G06T-001/00
File Segment: EPI

5/5/18   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

010245751   **Image available**
WPI Acc No: 1995-147006/199519
XRPX Acc No: N95-115425
  **Tagging method for computer data - allowing retrieval of information from
  any computer database for placing at precise positions on pre-printed
  form , from which data can be** extracted **and displayed**
Patent Assignee: KARNIK J D (KARN-I)
Inventor: KARNIK J D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5404294   A   19950404 US 90484502   A   19900226 199519 B

Priority Applications (No Type Date): US 90484502 A 19900226
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5404294   A   11 G06F-015/40

Abstract (Basic): US 5404294 A
     The method of inputting data on a blank pre-printed form or a form
  type of document contg. fixed information and having blank **fields**
  where it is desired to provide variable information, uses a computer
  system. The method involves **creating** a first **database** contg. tags,
  each comprising a record contg. instructions which are used to extract
  previously stored data from a second database. A display device
  displays a **scanned** image of the **form** , and a cursor device moves a
  pointer across the form image to locate the precise position of the
  blank **field** in which a tag contained in the first database is
  inserted. The tag and its precise position on the blank **field** are
  then stored in a third database.
     An access device, during form filling of a pre-printed form located
  in an output device, sequentially accesses all the tags and their
  respective stored positions from the third database. An extractor
  obtains each tag, which has been accessed from the third database and
  the instructions associated with it from the first database. The
  instructions are used to extract previously stored data from the second
  database and the extracted data is placed at the precise position of
  the blank **field** on the pre-printed form.
     USE/ADVANTAGE - E.g. usable with digitiser, scanner, facsimile, or
  telecommunications device. Is machine independent, and works equally
  well on mainframe, mini- and microcomputers. Transparent to computer
  operating system. Operator can handle text or image data.
     Dwg.2/5
Title Terms: TAG; METHOD; COMPUTER; DATA; ALLOW; RETRIEVAL; INFORMATION;
  COMPUTER; DATABASE; PLACE; PRECISION; POSITION; PRE; PRINT; FORM; DATA;
  CAN; EXTRACT; DISPLAY
Derwent Class: T01
International Patent Class (Main): G06F-015/40
File Segment: EPI

5/5/19   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 THOMSON DERWENT. All rts. reserv.

010229831   **Image available**
WPI Acc No: 1995-131088/199517
XRPX Acc No: N95-103048
  **Automatic object-oriented data information mapping method for database -
  accepts user-defined object model to** produce **scheme of** database

structure and construct **transform to define mapping**
Patent Assignee: PERSISTENCE SOFTWARE INC (PERS-N)
Inventor: HENNINGER D P; JENSEN R H; KEENE C T; JANSEN R H
Number of Countries: 020 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9503586	A1	19950202	WO 94US7890	A	19940714	199517	B
US 5499371	A	19960312	US 9395322	A	19930721	199616	
			US 95409476	A	19950322		

Priority Applications (No Type Date): US 9395322 A 19930721; US 95409476 A
   19950322
Cited Patents: US 4291583; US 4930071; US 5235701; US 5295256; US 5297279
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9503586	A1	E	48	G06F-015/40	

   Designated States (National): CA JP KR
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
   PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5499371	A		24	G06F-009/44	Cont of application US 9395322

Abstract (Basic): WO 9503586 A
   The method involves utilising a processor to accept an object model
which represents a formal description of an object-oriented
application. The processor automatically generates code which is
suitable for **conversion** to an executable **form** . When executed, the
code automatically maps information between the application and a
structured database.
   The conversion takes into account all of the semantics of an object
model, such as inheritance and class relationships, to generate a
minimal set of routines for each object class. The generated routines
provide transparent access to relational or **field** -delimited data.
   ADVANTAGE - Allows developers to write object-oriented applications
without reference to, or knowledge of, underlying database or its
structure. Allows writing of applications transparently integrating
information from multiple databases.
   Dwg.3/8
Title Terms: AUTOMATIC; OBJECT; ORIENT; DATA; INFORMATION; MAP; METHOD;
   DATABASE; ACCEPT; USER; DEFINE; OBJECT; MODEL; PRODUCE; SCHEME; DATABASE;
   STRUCTURE; CONSTRUCTION; TRANSFORM; DEFINE; MAP
Derwent Class: T01
International Patent Class (Main): G06F-009/44; G06F-015/40
File Segment: EPI